

Product Data



Weathershield SERIES

INDUSTRY LEADING FEATURES / BENEFITS

EFFICIENCY

- 13 SEER/ 10.8 EER / 8.0 8.5 HSPF (nominal)
- Microtube Technology[™] refrigeration system
- Indoor air quality accessories available

SOUND

- Sound level as low as 71 dBA
- Compressor sound blanket

COMFORT

 System supports Thermidistat[™] or standard thermostat controls

RELIABILITY

- Armor Plate[™] coil fin corrosion protection
- Front-seating service valves
- Scroll compressor
- Internal pressure relief valve
- Internal thermal overload
- High and Low pressure switch
- Filter drier
- Balanced refrigeration system for maximum reliability

DURABILITY

WeatherArmor $\mbox{}^{\mbox{\tiny{M}}}$ protection package:

- Solid, durable sheet metal construction
- Louvered coil guard
- Baked-on, complete coverage, powder paint

APPLICATIONS

- Long-line up to 250 feet (76.20 m) total equivalent length, up to 200 feet (60.96 m) condenser above evaporator, or up to 60 ft. (18.29 m) evaporator above condenser (See Longline Guide for more information.)
- Low ambient (down to -20°F/-28.9°C) with accessory kit

WARRANTY

• 10 year limited compressor warranty / 5 yr parts

MODEL NUMBER NOMENCLATURE

1	2	3	4	5	6	/	8	9	10	11	12	13
N	N	Α	Α	A/N	N	N	Ν	A/N	A/N	A/N	N	N
2	5	н	С	R	3	3	6	С	0	0	3	0
Produ Serie		Product Family	Tier	Major Series	SEER		oling acity	Variations	Open	Open	Voltage	Minor Series
25 = I	HP	H = RES HP	C=Comfort	R = R-22	3=13 SEER			C = Coastal	0=Not Defined	0=Not Defined	3=208/230-1	0, 1, 2









This product has been designed and manufactured to meet Energy Star® criteria for energy efficiency when matched with appropriate coil components. However, proper refrigerant charge and proper air flow are critical to achieve rated capacity and efficiency. Installation of this product should follow all manufacturing refrigerant charging and air flow instructions. Failure to confirm proper charge and air flow may reduce energy efficiency and shorten equipment life.

STANDARD FEATURES

18-30	24-30	30-30	36-30	48-30	60-30
Х	Х	Х	Х	Х	Х
Х	Х	Х	Х	Х	Х
Х	Х	Х	Х	Х	Х
Х	Х	Х	Х	Х	Х
Х	Х	Х	Х	Х	Х
Х	Х	Х	Х	Х	Х
Х	Х	Х	Х	Х	Х
Х	Х	Х	Х	Х	Х
Х	Х	Х	Х	Х	Х
Х	Х	Х	Х	Х	Х
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PHYSICAL DATA

UNIT SIZE-SERIES, VOLTAGE	18-30	24-30	30-30	36-30	42-30	48-30	60-30	
Operating Weight Ib (kg)	207	204	211	252	239	314	361	
Operating Weight lb (kg)	(93.9)	(92.5)	(95.7)	(114.3)	(108.4)	(142.4)	(163.8)	
Shipping Weight lb (kg)	218	236	222	287	250	348	395	
Shipping Weight ib (kg)	(98.9)	(107.1)	(100.7)	(130.2)	(113.4)	(157.9)	(179.2)	
Compressor Type		Scroll						
REFRIGERANT			Fred	n® (R-22)				
Control			TXV (R-2	22 Hard Shut	off)			
Charge lb (kg)	7	7	6.8	8.1	9.5	13.5	16.5	
Charge ib (kg)	(3.2)	(3.2)	(3.1)	(3.7)	(4.3)	(6.1)	(7.5)	
COND FAN								
Air Discharge	Vertical							
Air Qty (CFM)	2233	2614	3167	3334	3334	4046	4046	
Motor HP	1/12	1/10	1/5	1/8	1/8	1/4	1/4	
Motor RPM	800	800	800	800	800	800	800	
COND COIL								
Face Area (Sq ft)	19.4	21.56	19.40	25.15	17.60	25.15	30.18	
Fins per In.	20	20	20	20	20	20	20	
Rows	1	1	1	1	2	2	2	
Circuits	5	6	6	6	8	8	11	
VALVE CONNECT. (In.) ID								
Vapor	5/8"	5/8"	3/4"	3/4"	7/8"	7/8"	7/8"	
Liquid		•	•	3/8"	•	•	•	
REFRIGERANT TUBES* (in.)OD								
Vapor (0-80 Ft Tube Length)	5/8"	5/8"	3/4"	3/4"	7/8"	7/8"	1-1/8	
Liquid (0-80 Ft Tube Length)	·	· · ·		3/8"	-		1 '	

^{*} For tubing sets between 80 and 200 ft. horizontal or 20 ft. vertical differential, consult the Longline Guideline.

Note: See unit Installation Instruction for proper installation.

VAPOR LINE SIZING AND COOLING CAPACITY LOSS 1-STAGE HEAT PUMP APPLICATIONS

LONG LINE APPLICATION: An application is considered "Long line" when the total equivalent tubing length exceeds 80 ft. (24.38 m) or when there is more than 20 ft. (6.09 m) vertical separation between indoor and outdoor units. These applications require additional accessories and system modifications for reliable system operation. The maximum allowable total equivalent length is 250 ft. (76.2 m). The maximum vertical separation is 200 ft. (60.96 m)

when outdoor unit is above indoor unit, and 60 ft. (18.29 m) when the outdoor unit is below the indoor unit. Refer to Accessory Usage Guideline below for required accessories. See Longline Application Guideline for required piping and system modifications. Also, refer to the table below for the acceptable vapor tube diameters based on the total length to minimize the cooling capacity loss.

	Acceptable				Т		Capacity L)				
Unit Nominal Size (Btuh) 18,000 R-22 HP 24,000 R-22 HP 30,000 R-22 HP 42,000 R-22 HP 48,000 R-22 HP	Vapor Line Diameters	Stand	ard Applic	cation	Long Line Application Requires Accessories								
	(In.) OD	25 (7.62)	50 (15.24)	80 (24.38)	80+ (24.38+)	100 (30.48)	125 (38.10)	150 (45.72)	175 (53.34)	200 (60.96)	225 (68.58)	250 (76.2)	
18,000	5/8	0	1	1	1	2	3	3	4	5	5	6	
R-22 HP	3/4	0	0	0	0	0	1	1	1	1	2	2	
24.222	5/8	0	1	3	3	3	5	6	7	8	9	10	
· · · · · · · · · · · · · · · · · · ·	3/4	0	0	0	0	1	1	1	2	2	3	3	
N-2211F	7/8	0	0	0	0	0	0	0	0	1	1	1	
	5/8	1	3	5	5	6	8	10	11	13	15	17	
, I	3/4	0	1	1	1	2	3	3	4	5	5	6	
n-22 nr	7/8	0	0	0	0	1	1	1	2	2	2	3	
36,000	3/4	0	1	2	2	3	4	5	6	7	8	9	
R-22 HP	7/8	0	0	1	1	1	2	2	3	3	4	4	
42,000	3/4	1	2	3	3	4	5	7	8	9	10	11	
R-22 HP	7/8	0	1	1	1	2	2	3	4	4	5	5	
40.000	3/4	1	2	4	4	5	7	8	10	11	13	14	
, I	7/8	0	1	2	2	2	3	4	5	5	6	7	
n=22	1-1/8	0	0	0	0	0	0	1	1	1	1	1	
60,000	7/8	1	2	3	3	4	5	7	8	9	10	11	
R-22 HP	1-1/8	0	0	1	1	1	1	2	2	2	3	3	

Standard Length = 80 ft. (24.38 m) or less total equivalent length

Applications in this area are long line. Accessories are required as shown recommended on Long Line Application Guidelines
Applications in this area may have height restrictions that limit allowable total equivalent length, when outdoor unit is below indoor unit See
Long Line Application Guidelines

ACCESSORY THERMOSTATS

THERMOSTAT / SUBBASE PKG.	DESCRIPTION
TSTATCCPRH01-B*	Thermidistat ™ Control — Non-Programmable/Programmable Thermostat with Humidity Control (For use in Dual Fuel, AC, HP, and 2S applications. Includes Outdoor Air Temperature Sensor.)
TSTATCCPHH01-B*	HybridHeat [™] (Dual Fuel) Thermostat — Auto Changeover, 7 – Day Programmable, °F/°C, Includes Outdoor Sensor (TSTATXXSEN01 – B)
TSTATCCPHP01-B	Thermostat — Auto Changeover, 7 – Day Programmable, °F/°C, 2 – Stage Heat, 1 – Stage Cool
TSTATCCNHP01-C	Thermostat — Auto Changeover, Non-Programmable, °F/°C, 2-Stage Heat, 1-Stage Cool
TSTATCCSHP01	Standard Programmable Thermostat—Manual Changeover, 5-2 Day Programmable, °F/°C, 1-Stage Heat/ 1-Stage Cool
TSTATCCBHP01*-B	Builder's Thermostat — Heat Pump, Non-Programmable, °F/°C, 2-Stage Heat, 1-Stage Cool, Manual Changeover
TSTATXXSEN01-B**	Outdoor Air Temperature Sensor
TSTATXXNBP01	Backplate for Non-Programmable Thermostat
TSTATXXPBP01	Backplate for Programmable Thermostat and Thermidistat™ Control
TSTATXXSBP01	Backplate for Standard Programmable Thermostat
TSTATXXBBP01	Backplate for Builder's Thermostat
TSTATXXCNV10†	Thermostat Conversion Kit (4 to 5 Wire) — 10 Pack
TP-PRH-01	Performance Series Programmable Thermidistat
TP-NRH-01	Performance Series Non-programmable Thermidistat
TP-PHP-01	Performance Series Programmable HP Stat
TP-NHP-01	Performance Series Non – programmable HP Stat
TC-PHP-01	Comfort Series Programmable HP Stat
TC-NHP-01	Comfort Series Non - programmable HP Stat
TB-PHP-01	Base Series Programmable HP Stat
TB-NHP-01	Base Series Non-programmable HP Stat

^{*} Do not use in zoning heat pump applications.

ACCESSORIES

ORDER NUMBER	DESCRIPTION	18-30	24-30	30-30	36-30	42-30	48-30	60-30
HC32GE229	BALL BEARING MOTOR	Х						
HC34GE242	BALL BEARING MOTOR		Х					
HC36GE232	BALL BEARING MOTOR				Х	Х		
HC38GE228	BALL BEARING MOTOR			Х				
HC40GE228	BALL BEARING MOTOR						Х	Х
KAACH1201AAA	CRANKCASE HTR				Х		S	S
KAACH1401AAA	CRANKCASE HTR		Х					
KAACH1601AAA	CRANKCASE HTR			Х		Х		
KAACH1701AAA	CRANKCASE HTR	X	Х					
KAAFT0101AAA	FREEZE THERMOSTAT	Х	Х	Х	Х	Х	Х	Х
KSAHS1501AAA	HARD START	Х	Х	Х	Х	Х	Х	
KSAHS1601AAA	HARD START							Х
KHAIR0101AAA	ISOLATION RELAY	Х	Х	Х	Х	Х	Х	Х
KSACY0101AAA	CYCLE PROTECTOR	Х	Х	Х	Х	Х	Х	Х
KSALA0201R22	LOW AMBIENT	Х	Х	Х	Х	Х	Х	Х
KSALA0601AAA	MOTORMASTER 230V	X	Х	Х	Х	Х	Х	Х
KHAOT0201SEC	OUTDOOR THERMOSTAT	X	Х	Х	Х	Х	Х	Х
KHAOT0301FST	OUTDOOR THERMOSTAT	X	Х	Х	Х	Х	Х	Х
KHASS0606MPK	SNOW STAND	X	Х	Х	Х	Х	Х	Х
KHALS0401LLS	SOLENOID VALVE	Х	Х	Х	Х	Х	Х	Х
KAACS0201PTC	START ASSIST PTC	Х	Х	Х	Х	Х	Х	Х
KSASF0101AAA	SUPPORT FEET	Х	Х	Х	Х	Х	Х	Х
KAATD0101TDR	TIME DELAY	X	Х	Х	Х	Х	Х	Х
KSATX0601HSO	TXV	Х	Х	Х	Х	Х		
KSATX0701HSO	TXV						Х	
KSATX1001HSO	TXV							Х

X = Accessory S = Standard

^{**} Outdoor temperature sensor is an accessory for all Carrier electronic thermostats, except the non-programmable air conditioner version and builder;s thermostats. It allows the temperature at a remote location (outdoors) to be displayed on the thermostat. The outdoor air temperature sensor must be used with the HybridHeat™ (dual fuel) thermostat.

[†] Thermostat conversion kit is a 24-vac accessory that can turn a 4-wire thermostat application into a 5-wire application. This kit can also be used to replace a broken thermostat wire, or add an extra wire when needed.

The outdoor air temperature sensor is included with the Thermidistat Control and HybridHeat $^{\mathtt{m}}$ (dual fuel) thermostat.

ACCESSORY USAGE GUIDELINE

Accessory	REQUIRED FOR LOW-AMBIENT APPLICATIONS (Below 55° F / 12.78° C)	REQUIRED FOR LONG LINE APPLICATIONS* (Over 80 Ft. / 24.38 m)	REQUIRED FOR SEA COAST APPLICATIONS (Within 2 miles / 3.22 km)	
Ball Bearing Fan Motor	Yes†	No	No	
Compressor Start Assist Capacitor and Relay	Yes†	Yes	No	
Crankcase Heater	Yes†	Yes	No	
Evaporator Freeze Thermostat	Yes†	No	No	
Isolation Relay	Yes†	No	No	
Liquid Line Solenoid Valve	No	See Long Line Application Guideline	No	
Motor Master [®] Control or Low–ambient Pressure Switch	Yes†	No	No	
Support Feet	Recommended	No	Recommended	

^{*} For tubing line sets between 80 and 200 ft. (24.38 and 60.96 m) and/or 20 ft. vertical (6.09 m) differential, refer to Residential Split System Long Line Application Guideline.

Accessory Description and Usage (Listed Alphabetically)

1. Ball-Bearing Fan Motor

A fan motor with ball bearings which permits speed reduction while maintaining bearing lubrication.

Usage Guideline:

Required on all units when MotorMaster® is used.

2. Compressor Start Assist - Capacitor and Relay

Start capacitor and relay gives a "hard" boost to compressor motor at each start up.

Usage Guideline:

Required for reciprocating compressors in the following applications:

Long line

Low ambient cooling

Hard shut off expansion valve on indoor coil

Liquid line solenoid on indoor coil

Required for single-phase scroll compressors in the following applications:

Long line

Low ambient cooling

Suggested for all compressors in areas with a history of low voltage problems.

3. Compressor Start Assist — PTC Type

Solid state electrical device which gives a "soft" boost to the compressor at each start-up.

Usage Guideline:

Suggested in installations with marginal power supply.

4. Crankcase Heater

An electric resistance heater which mounts to the base of the compressor to keep the lubricant warm during off cycles. Improves compressor lubrication on restart and minimizes the chance of liquid slugging.

Usage Guideline:

Required in low ambient cooling applications.

Required in long line applications.

Suggested in all commercial applications.

5. Cycle Protector

The cycle protector is designed to prevent compressor short cycling. This control provides an approximate 5-minute delay after power to the compressor has been interrupted for any reason, including power outage, protector control trip, thermostat jiggling, or normal cycling.

6. Evaporator Freeze Thermostat

An SPST temperature-actuated switch that stops unit operation when evaporator reaches freeze-up conditions.

Usage Guideline:

Required when low ambient kit has been added.

7. High Pressure Switch

A high pressure switch that protects unit against excessive pressure. Usage Guideline:

Required in all heat pumps operated in dual fuel applications.

8. Isolation Relay

An SPDT relay which switches the low-ambient controller out of the outdoor fan motor circuit when the heat pump switches to heating mode.

Usage Guideline:

Required in all heat pumps where low ambient kit has been added.

9. Liquid-Line Solenoid Valve (LLS)

An electrically operated shutoff valve which stops and starts refrigerant liquid flow in response to compressor operation. It is to be installed at the outdoor unit to control refrigerant off cycle migration in the heating mode.

Usage Guideline:

An LLS is required in all long line heat pump applications to control refrigerant off cycle migration in the heating mode. See Long Line Guideline.

10. Low-Ambient Pressure Switch Kit

A long life pressure switch which is mounted to outdoor unit service valve. It is designed to cycle the outdoor fan motor in order to maintain head pressure within normal operating limits (approximately 100 psig to 225 psig). The control will maintain working head pressure at low-ambient temperatures down to $0^{\circ}F/-17.78^{\circ}C$ when properly installed.

Usage Guideline:

A Low-Ambient Pressure Switch or MotorMaster® Low-Ambient Controller must be used when cooling operation is used at outdoor temperatures below 55°F (12.8°C).

[†] Required for Low-Ambient Controller MotorMaster® Control only.

Accessory Description and Usage (Listed Alphabetically) - CONTINUED

11. MotorMaster® Low-Ambient Controller

A fan-speed control device activated by a temperature sensor, designed to control condenser fan motor speed in response to the saturated, condensing temperature during operation in cooling mode only. For outdoor temperatures down to $-20^{\circ}F$ ($-28.9^{\circ}C$), it maintains condensing temperature at $100^{\circ}F$ $\pm 10^{\circ}F$ ($37.8^{\circ}C$) $\pm 5.5^{\circ}C$).

Usage Guideline:

A MotorMaster® Low Ambient Controller or Low-Ambient Pressure Switch must be used when cooling operation is used at outdoor temperatures below 55°F (12.8°C).

Suggested for all commercial applications.

12. Outdoor Air Temperature Sensor

Designed for use with Carrier Thermostats listed in this publication. This device enables the thermostat to display the outdoor temperature. This device also is required to enable special thermostat features such as auxiliary heat lock out.

Usage Guideline:

Suggested for all Carrier thermostats listed in this publication.

13. Outdoor Thermostat

An SPDT temperature-actuated switch which turns on supplemental electric heaters when outdoor air temperature drops below a user-selected set point.

Usage Guideline:

Electric supplemental heat applications in non-variable speed indoor units when electric heat staging is desired.

Usage Guideline:

Some local codes may require limiting the heating head pressure in the vapor line in some applications.

14. Secondary Outdoor Thermostat

An SPDT temperature-actuated switch which turns on third-stage of supplemental electric heaters when outdoor air temperature drops below the second-stage set point.

Usage Guideline:

Outdoor thermostat applications where electric heater is capable of 3-stage operation.

15. Snow Stand

Coated wire rack which supports unit 18 in. (457.2 mm) above mounting pad to allow for drainage from unit base.

Usage Guideline:

Suggested in the following applications:

Heat pump installations in heavy snowfall areas.

Heat pump installations in snow drift locations.

Heat pump installations in areas of prolonged subfreezing temperatures.

All commercial installations.

16. Sound Hood

Wraparound sound reducing cover for the compressor. Reduces the sound level up to 2 dBA.

Usage Guideline:

Suggested when unit is installed closer than 15 ft (4.57 m) to quiet areas, bedrooms, etc.

Suggested when unit is installed between two houses less than 10 ft (3.05 m) apart.

Usage Guideline:

Suggested in the following applications:

Heat pump installations in heavy snowfall areas.

Heat pump installations in snowdrift locations.

Heat pump installations in areas of prolonged subfreezing temperatures.

All commercial installations.

17. Thermostatic Expansion Valve (TXV) Bi-Flow

A modulating flow-control valve which meters refrigerant liquid flow rate into the evaporator in response to the superheat of the refrigerant gas leaving the evaporator.

Usage Guideline:

Required in all heat pump applications

18. Time-Delay Relay

An SPST delay relay which briefly continues operation of indoor blower motor to provide additional cooling after the compressor cycles off.

Note: Most indoor unit controls include this feature. For those that do not, use the guideline below.

Usage Guideline:

Accessory required to meet ARI rating, where indoor not equipped.

ELECTRICAL DATA

UNIT SIZE	V/PH	OPER VOLTS*		COMPR		FAN	МСА	MIN WIRE SIZE†	MIN WIRE SIZE†	MAX LENGTH ft.(m)‡	MAX LENGTH ft.(m)‡	MAX FUSE** or BRK
		MAX	MIN	LRA	RLA	FLA		60° C	75° C	60° C	75° C	AMPS
18				41	9.8	0.5	12.7	14	14	124 (37.80)	118 (35.97)	20
24			197	54	15.13	0.7	19.6	14	14	80 (23.16)	76 (23.16)	30
30				72.5	13.50	1.2	18.6	14	14	85 (25.91)	81 (24.69)	30
36	208/230/1-60			88	18.68	0.9	24.2	12	12	103 (31.39)	98 (29.87)	40
42				104	17.90	0.9	24.0	12	12	104 (31.70)	99 (30.18)	40
48				137	22.22	1.2	29.0	10	10	138 (42.06)	131 (39.93)	50
60				148	28.85	1.2	37.3	8	8	167 (50.90)	159 (48.46)	60

^{*} Permissible limits of the voltage range at which the unit will operate satisfactorily

FLA - Full Load Amps

LRA – Locked Rotor Amps MCA – Minimum Circuit Amps

RLA - Rated Load Amps

NOTE: Control circuit is 24–V on all units and requires external power source. Copper wire must be used from service disconnect to unit. All motors/compressors contain internal overload protection.

A-WEIGHTED SOUND LEVEL (dBA)

UNIT SIZE	STANDARD RATING	TYPICAL OCTAVE BAND SPECTRUM (dB, without tone adjustment)									
ONIT SIZE	(dB)	125	250	500	1000	2000	4000	8000			
18	71	55	58	64.5	65	64.5	63	55.5			
24	74	57.0	62.5	68.5	69.5	67.5	63.0	55.0			
30	73	58.0	66.0	66.0	67.5	64.5	61.0	54.5			
36	74	53.5	65.5	64.5	68.5	66.0	62.0	54.5			
42	74	59.0	62.0	66.0	69.0	65.0	60.0	51.5			
48	75	54.5	61.0	66.0	71.0	65.5	62.0	56.5			
60	75	56.5	66.5	67.5	69.5	67.5	63.5	56.5			

CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE)

UNIT SIZE-SERIES	REQUIRED SUBCOOLING °F (°C)	Heating Piston Size
18	10 (5.6)	42
24	10 (5.6)	52
30	10 (5.6)	57
36	10 (5.6)	57
42	10 (5.6)	67
48	9 (5.0)	67
60	10 (5.6)	78

[†] If wire is applied at ambient greater than 30° C, consult table 310–16 of the NEC (ANSI/NFPA 70). The ampacity of non-metallic-sheathed cable (NM), trade name ROMEX, shall be that of 60° C conditions, per the NEC (ANSI/NFPA 70) Article 336–26. If other than uncoated (no-plated), 60 or 75° C insulation, copper wire (solid wire for 10 AWG or smaller, stranded wire for larger than 10 AWG) is used, consult applicable tables of the NEC (ANSI/NFPA 70).

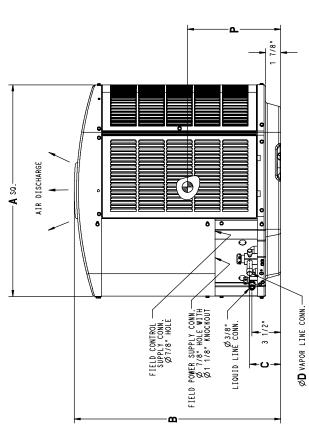
[‡] Length shown is as measured 1 way along wire path between unit and service panel for voltage drop not to exceed 2%.

^{**} Time-Delay fuse.

DIMENSIONS

	SHT DIMENSIONS (L \times W \times H)		8# 32 3/8" X 35 1/2" X 39 3/8"							SERV ONE S
WEIGHT DIMENSIONS		218# 32 3/8" X 35 1		236# 32 3/8" X 35 1						222# 32 3/8" X 35 1 222# 32 3/8" X 35 1 281# 36 1/8" X 39 5, 250# 36 1/8" X 39 5, 346# 36 1/8" X 39 5, 346# 36 1/8" X 39 5, 355# 36 1/8" X 39 5, 6" ON ONE SIDE, 12" ON REB. "ON ONE SIDE, 12" ON REB.
WEIGHT WEIGHT			204# 236#		211# 222#					252# 228# 252# 281# 239# 250# 314# 348# 361# 395# 361# 395# 360WE UNIT: 6" OM ON 4" BETWEEN UNITS FO
										12 22 22 22 22 22 22 22 22 22 22 22 22 2
16 1/4"	1 91 1	_	" 17 3/4"		15 1/8"	15 1/8"			- - - - - - - - -	
14.5/8	11 5/8"	> -	15 1/4"	15 1/4"			17 1/4" 17 1/4" 16 3/4" 16 3/4"	16 3/4"	16 3/4" 18" 17 1/4"	17 1/4"
Ξ		1 1/8" 3 13/16" 2 13/16" 1/2" 14 1/2" 14 5/8"	16"	15.	2					
J		1/5"	1/2"	1/2"	7	1/2"	1/2"	1/2" 5/8" 5/8"	1/2" 5/8" 5/8" 5/8"	5/8" 5/8" 5/8"
	۷	2 13/16"	1 1/8" 3 13/16" 2 13/16" 1/2"	2 13/16"		1 1/8" 3 13/16" 2 13/16" 1/2"	1 1/8" 3 13/16" 2 13/16" 1/2" 1 1/8" 3 13/16" 2 15/16" 5/8"	1 1/8" 3 13/16" 2 13/16" 1/2" 1 1/8" 3 13/16" 2 15/16" 5/8" 1 1/8" 3 13/16" 2 15/16" 5/8"	1 178" 3 13/16" 2 13/16" 178" 1 178" 3 13/16" 2 15/16" 5/8" 1 178" 3 13/16" 2 15/16" 5/8" 1 178" 3 13/16" 2 15/16" 5/8"	2 13/16" 2 15/16" 2 15/16" 2 15/16"
_	>	13/16"	13/16"	1 1/8" 3 13/16" 2 13/16" 1/2"		13/16"	13/16"	13/16"	13/16" 13/16" 13/16" 13/16"	13/16" 13/16" 13/16" 13/16"
_	=	1/8" 3	1/8" 3	1/8" 3		1/8"	1/8" 3	1/8" 3	1/8" 3 1 1/8"	1/8" 3 3 4 1 1/8" 3 1/8" 3 1 1/
ď)					1/8"				
_	_	24 11/16" 9 1/8"	24 11/16" 9 1/8"	24 11/16" 9 1/8"	-	24 11/16" 9 1/8"	24 11/16" 9 1/8" 28 7/16" 9 1/8"	24 11/16" 9 1/8" 28 7/16" 9 1/8" 28 7/16" 9 1/8"	24 11/16" 9 1/8" 28 7/16" 9 1/8" 28 7/16" 9 1/8" 28 7/16" 9 1/8"	7/16" 9
		_	_		_					
Ц	J	91/6 9	9/16	9/16		6 9/16	6 9/16	6 9/16 6 9/16 6 9/16	6 9/16 6 9/16 6 9/16 6 9/16	11/69
_		2/8"	2/8"	3/4"		3/4"	+			
د	د	3 3/4"	3 3/4"	3 3/4"		3 3/4"				
0	0	35 3/4"	39 1/8"	35 3/4"		39 1/8"	39 1/8" 28 15/16"	39 1/8" 28 15/16" 39 1/8"		
<	•	31 3/16"	31 3/16"	31 3/16"		_				
	ર્ય	0 31	0 31	0 31		+				
<u>}</u>	CHARACTERISTICS	0	0	0		0	\vdash			09 0 037
	\$CTE	0	0	0		0				09 6 066786
j	HAR	×	×	×		×	× ×	× × ×	× × × ×	× × × × 09-1-062-80
CEDIFIC		0	0	0		0	0 0	0 0 0	0000	
TINIT		25HCR318	25HCR324	25HCR330		25HCR336	5HCR336	25HCR336 25HCR342 25HCR348	ICR336 ICR342 ICR348	25HCR336 25HCR342 25HCR348 25HCR360

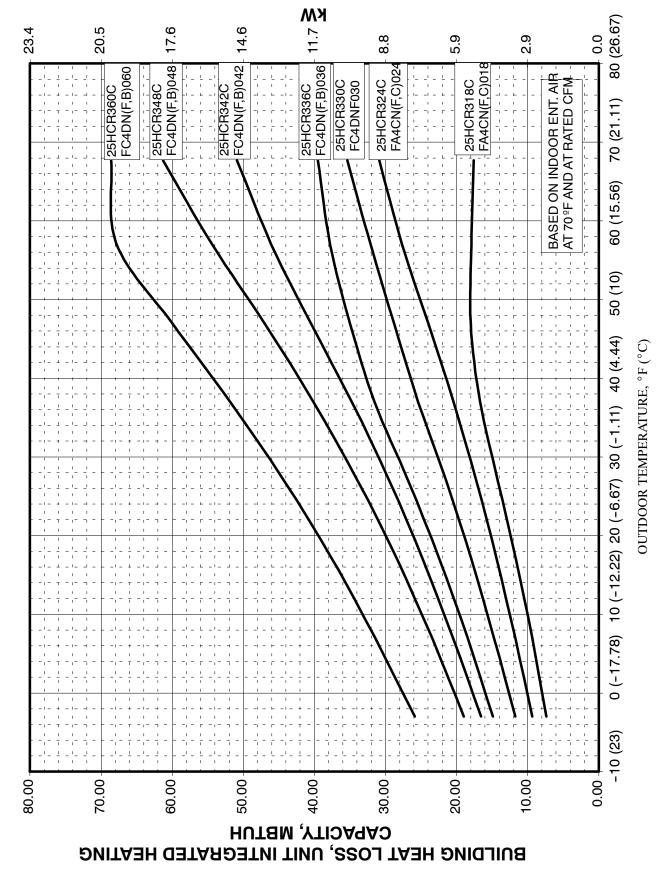
- ALLOW 30" CLEARANCE TO SERVICE SIDE OF UNIT, 48" ABOYE UNIT, 6" ON ONE SIDE, 11" ON REMAINING SIDE, AND 24" BETWEEN UNITS FOR PROPER AIRFLOW.
 - 2. MINIMUM OUTDOOR OPERATING AMBIENT IN COOLING MODE IS 55°F, MAX. 125°F.
- 3. SERIES DESIGNATION IS THE 13TH POSITION OF THE UNIT MODEL NUMBER.
 - 4. CENTER OF GRAVITY .



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	FIELD CONTROL SUPPLY CONN. SUPPLY CONN. SUPPLY CONN. A 7/8* HOLE WITH Ø 1/8* HOCKOUL C 3 1/2* C 3 1/2*	- NNC SULL BOOK A

	 - u	AIR IN	 		
AIR DISCHARGE		z	ш-		
AIR IN				AIR IN	
M 0 0				<u> </u>	Ø3/8" TIEDOWN KNOCKOUTS— (2) PLACES
	AIR IN			± 1	Ø3/8" TIE

25HCR3C BALANCE POINT WORKSHEET



COMBINATION RATINGS

Unit				0			ARI Stand	ard Ratings				
ize –	Indoor Model	Cooling Capa-		Cooling	1				Heating -		I	
oltage, Series	mador woder	city	Factory Enhance	Standard Rating	SEER TDR	EER	High Te	E	Low Te	Н	HSPF	Furnace Mode
	*FA4CN(F,C)018	17,000	TDR&TXV	13.00		10.80	Capacity 18,000	3.40	Capacity 10,500	2.30	7.7	
	FA4CN(F,C)024	17,000	TDR&TXV	13.00		10.80	17,300	3.30	10,600	2.28	7.7	
	FC4DNF018	17,300	TDR&TXV	14.50		12.00	17,600	3.62	10,100	2.46	8.2	
	FC4DNF024	17,500	TDR&TXV	14.50		12.50	16,800	3.58	10,100	2.48	8.2	
	FF1ENE018	16,900	TDR&TXV	13.00		10.80	18,000	3.40	10,500	2.28	7.7	
	FF1ENE024	17,100	TDR&TXV	13.00		10.80	17,100	3.36	10,500	2.32	7.7	
	FK4DNF001	17,300	TDR&TXV	15.00		12.50	16,400	3.52	9,900	2.46	8.2	
	FK4DNF002	17,500	TDR&TXV	15.00		12.50	16,400	3.64	9,900	2.50	8.4	
	CAR**1814A**	16,700	TDR&TXV	14.50	T	12.00	17,400	3.38	9,900	2.38	7.7	58CV(A,X)070-
									,			
	CAR**2414A** CAR**2414A**	17,100 17,200	TDR&TXV TXV	14.50	13.00	12.50 10.80	17,100 17,200	3.56 3.38	9,900 10,500	2.44	8.0 7.7	58CV(A,X)070-
	CAR**2417A**	17,200	TDR&TXV	14.50	T	12.50	17,100	3.58	9,900	2.46	8.2	58CV(A,X)090-
	CAR**2417A**	17,200	TDR&TXV	14.50		12.50	17,100	3.56	9,900	2.44	8.2	58MVB060-
	CAR**2417A**	17,200	TDR&TXV	14.50		12.50	17,100	3.56	9,900	2.44	8.2	58UVB060-
	CAR**2417A**	17,200	TXV	14.00	13.00	10.80	17,200	3.38	10,500	2.32	7.7	00012000
	CNRF*2418A**	17.000	TXV		13.20	11.00	17 400	3.46	10,600	2.34	7.7	
	CNRF"2418A""	17,300	IAV		13.20	11.00	17,400	3.40	10,600	2.34	7.7	
	CNRH*2417A**	17,200	TDR&TXV	14.50	-	12.50	17,500	3.66	9,900	2.44	8.2	58CV(A,X)070-
-30	CNRH*2417A**	17,300	TDR&TXV	14.50		12.50	17,400	3.68	10,000	2.46	8.2	58CV(A,X)090
	CNRH*2417A**	17,200	TDR&TXV	14.50		12.50	17,400	3.66	9,900	2.44	8.2	58MVB040-
	CNRH*2417A**	17,200	TDR&TXV	14.50		12.50	17,500	3.68	9,900	2.44	8.2	58MVB060-
	CNRH*2417A** CNRH*2417A**	17,300 17,300	TDR&TXV TXV	14.50	13.20	12.50 11.00	17,400 17,400	3.68 3.46	10,000 10,600	2.46	8.2 7.7	58MVB080-
					10.20							
	CNRV*1814A** CNRV*1814A**	17,100 17,100	TDR&TXV TXV	14.50	13.00	12.00 10.80	17,700 17,800	3.58 3.46	9,900 10,500	2.42 2.32	8.0 7.7	58CV(A,X)070
	CNRV*2414A**	17,200	TDR&TXV	14.50	T	12.50	17,500	3.66	0.000	2.44	8.2	58CV/A V\070
	CNRV*2414A**	17,200	TXV	14.50	13.20	11.00	17,500	3.46	9,900 10,600	2.44	7.7	58CV(A,X)070
	CNRV*2417A**	17,300	TDR&TXV	14.50		12.50	17,400	3.68	10,000	2.46	8.2	58CV(A,X)090
	CNRV*2417A**	17,200	TDR&TXV	14.50		12.50	17,400	3.66	9,900	2.44	8.2	58MVB060-
	CNRV*2417A**	17,200	TDR&TXV	14.50		12.50	17,400	3.66	9,900	2.44	8.2	58UVB060-
	CNRV*2417A**	17,300	TXV	13.20		11.00	17,400	3.46	10,600	2.34	7.7	
	CSRH*2412A**	17,300	TDR&TXV	14.50		12.50	16,900	3.58	10,000	2.44	8.2	58CV(A,X)070
	CSRH*2412A**	17,400	TDR&TXV	14.50		12.50	16,800	3.58	10,000	2.44	8.2	58CV(A,X)090
	CSRH*2412A**	17,400	TDR&TXV	14.50		12.50	16,800	3.58	10,000	2.44	8.2	58MVB040-
	CSRH*2412A**	17,400	TDR&TXV	14.50		12.50	16,800	3.58	10,000	2.44	8.2	58MVB060-
	CSRH*2412A**	17,400	TDR&TXV	14.50		12.50	16,800	3.58	10,000	2.44	8.2	58MVB080-
	CSRH*2412A**	17,400	TXV		13.20	11.00	16,100	3.32	10,600	2.34	7.7	
	*FA4CN(F,C)024	23,200	TDR&TXV	13.00		10.80	24,000	3.54	14,800	2.38	8.3	
	FA4CN(F,C)030	23,600	TDR&TXV	13.20		11.00	24,000	3.60	14,800	2.42	8.5	
	FC4DNF024	23,800	TDR&TXV	14.00		12.00	24,000	3.72	14,400	2.52	8.7	
	FC4DNF030	24,000	TDR&TXV	14.50		12.00	24,000	3.82	14,400	2.56	8.8	
	FF1ENE024	23,400	TDR&TXV	13.00		10.80	24,000	3.54	14,900	2.38	8.3	
	FF1ENE030	23,400	TDR&TXV	13.00		10.80	24,000	3.56	14,900	2.38	8.4	
	FK4DN(B,F)003	23,800	TDR&TXV	15.00		12.50	23,400	3.80	14,100	2.58	8.8	
	FK4DNF001	23,600	TDR&TXV	14.50		12.00	23,800	3.70	14,200	2.52	8.6	
	FK4DNF002	24,000	TDR&TXV	15.00		12.50	23,800	3.82	14,200	2.56	8.8	
	CAR**2414A**	23,400	TDR&TXV	14.50		11.70	23,800	3.66	14,200	2.50	8.6	58CV(A,X)070
	CAR**2414A**	23,400	TXV		13.00	10.80	24,000	3.60	14,900	2.40	8.5	
	CAR**2417A**	23,400	TDR&TXV	14.50		11.70	23,600	3.70	14,100	2.54	8.6	58CV(A,X)090
	CAR**2417A**	23,400	TDR&TXV	14.50		11.70	23,800	3.68	14,100	2.52	8.6	58MVB060-
-30	CAR**2417A**	23,400	TDR&TXV	14.50		11.70	23,800	3.68	14,100	2.52	8.6	58UVB060-
	CAR**2417A**	23,400	TXV		13.00	10.80	24,000	3.60	14,900	2.40	8.5	
	CAR**3014A**	23,400	TDR&TXV	14.50		11.70	23,600	3.70	14,200	2.52	8.6	58CV(A,X)070
	CAR**3014A**	23,600	TXV		13.00	10.80	24,000	3.58	15,000	2.42	8.5	
	CAR**3017A**	23,600	TDR&TXV	14.50		11.70	23,600	3.74	14,100	2.54	8.7	58CV(A,X)090
	CAR**3017A**	23,600	TDR&TXV	14.50		11.70	23,600	3.72	14,100	2.54	8.7	58MVB060-
	CAR**3017A**	23,600	TDR&TXV	14.50	12.00	11.70	23,600	3.72	14,100	2.54	8.7	58UVB060-
	CAR**3017A**	23,600	TXV		13.00	10.80	24,000	3.58	15,000	2.42	8.5	
	CNRF*2418A**	23,400	TXV		13.00	10.80	24,000	3.68	15,000	2.42	8.6	
	CNRH*2417A**	23,400	TDR&TXV	14.50		11.70	23,800	3.72	14,200	2.52	8.7	58CV(A,X)070
	CNRH*2417A**	23,400	TDR&TXV	14.50		11.70	23,800	3.76	14,200	2.54	8.7	58CV(A,X)090
	CNRH*2417A**	23,400	TDR&TXV	14.50	1	11.70	23,800	3.74	14,200	2.52	8.7	58CV(A,X)110-

Unit Size –	Indoor Mardel	Cooling		Cooling				ard Ratings	Heating		1	
oltage,	Indoor Model	Capa- city	Factory	Standard	SEER		High Te		Low Te			Furnace Mode
Series		o.i.y	Enhance	Rating	TDR	EER	E Capacity	E COP	H Capacity	H COP	HSPF	
	CNRH*2417A**	23,400	TDR&TXV	14.50		11.70	23,800	3.76	14,200	2.52	8.7	58CV(A,X)135-2
	CNRH*2417A**	23,400	TDR&TXV	14.50		11.70	23,800	3.76	14,200	2.52	8.7	58CV(A,X)155-
	CNRH*2417A**	23,400	TDR&TXV	14.50		11.70	23,800	3.74	14,200	2.52	8.7	58MVB040-14
	CNRH*2417A**	23,400	TDR&TXV	14.50		11.70	23,800	3.74	14,200	2.52	8.7	58MVB060-14
	CNRH*2417A**	23,400	TDR&TXV	14.50		11.70	23,800	3.74	14,200	2.52	8.7	58MVB080-14
	CNRH*2417A**	23,400	TDR&TXV	14.50		11.70	23,800	3.74	14,200	2.52	8.7	58MVB080-20
	CNRH*2417A**	23,400	TDR&TXV	14.50		11.70	23,800	3.76	14,200	2.52	8.7	58MVB100-2
	CNRH*2417A**	23,400	TDR&TXV	14.00		11.50	23,800	3.72	14,200	2.50	8.6	58MVB120-2
	CNRH*2417A**	23,400	TXV		13.00	10.80	24,000	3.68	15,000	2.42	8.6	
	CNRH*3017A**	23,600	TDR&TXV	14.50	I	11.70	23,600	3.72	14,100	2.54	8.7	58CV(A,X)070-
	CNRH*3017A**	23,600	TDR&TXV	14.50		11.70	23,600	3.76	14,100	2.56	8.7	58CV(A,X)090-
	CNRH*3017A**	23,600	TDR&TXV	14.20		11.70	23,600	3.74	14,200	2.54	8.7	58CV(A,X)110-
	CNRH*3017A**	23,600	TDR&TXV	14.50		11.70	23,600	3.76	14,100	2.54	8.7	58CV(A,X)135-
	CNRH*3017A**	23,600	TDR&TXV	14.50		11.70	23,600	3.76	14,100	2.56	8.8	58CV(A,X)155-
	CNRH*3017A**	23,600	TDR&TXV	14.50		11.70	23,600	3.74	14,200	2.54	8.7	58MVB040-1
	CNRH*3017A**	23,600	TDR&TXV	14.50		11.70	23,600	3.72	14,100	2.54	8.7	58MVB060-1
	CNRH*3017A**	23,600	TDR&TXV	14.50		11.70	23,600	3.74	14,200	2.54	8.7	58MVB080-1
	CNRH*3017A**	23,600	TDR&TXV	14.50		11.70	23,600	3.74	14,200	2.54	8.7	58MVB080-2
	CNRH*3017A**	23,600	TDR&TXV	14.50		11.70	23,600	3.76	14,200	2.54	8.7	58MVB100-2
	CNRH*3017A**	23,600	TDR&TXV	14.50		11.70	23,600	3.70	14,200	2.54	8.7	58MVB120-2
	CNRH*3017A**	23,600	TXV	14.50	13.00	10.80	24,000	3.72	15,000	2.54	8.5	30IVIVD120-2
	ONNE SULTA"	23,000	IAV		13.00	10.00	24,000	3.36	15,000	2.42	0.5	
	CNRV*2414A**	23,400	TDR&TXV	14.50		11.70	23,800	3.72	14,200	2.52	8.7	58CV(A,X)070-
	CNRV*2414A**	23,400	TXV		13.00	10.80	24,000	3.68	15,000	2.42	8.6	
	CNRV*2417A**	23,400	TDR&TXV	14.50	T	11.70	23,800	3.76	14,200	2.54	8.7	58CV(A,X)090-
	CNRV*2417A**	23,400	TDR&TXV	14.50		11.70	23,800	3.74	14,200	2.52	8.7	58MVB060-1
	CNRV*2417A**	23,400	TDR&TXV	14.50		11.70	23,800	3.74	14,200	2.52	8.7	58UVB060-1
	CNRV*2417A**	23,400	TXV	11.00	13.00	10.80	24,000	3.68	15,000	2.42	8.6	55512555
	ONID) (to out 4.4.t.t.		TDDOTAL	11.50	T				44.000	0.50		500)//4 30 070
-30	CNRV*3014A** CNRV*3014A**	23,600 23,600	TDR&TXV TXV	14.50	13.00	11.70 10.80	23,600 24,000	3.70 3.58	14,200 15,000	2.52	8.6 8.5	58CV(A,X)070-
	0.000	20,000	1,7,1		10.00	10.00	21,000	0.00	10,000		0.0	
	CNRV*3017A**	23,600	TDR&TXV	14.50		11.70	23,600	3.76	14,100	2.56	8.7	58CV(A,X)090-
	CNRV*3017A**	23,600	TDR&TXV	14.50		11.70	23,600	3.72	14,100	2.54	8.7	58MVB060-
	CNRV*3017A**	23,600	TDR&TXV	14.50		11.70	23,600	3.72	14,100	2.54	8.7	58UVB060-1
	CNRV*3017A**	23,600	TXV		13.00	10.80	24,000	3.58	15,000	2.42	8.5	
	CSRH*2412A**	23,400	TDR&TXV	14.50	1	11.70	23,800	3.72	14,200	2.52	8.7	58CV(A,X)070-
	CSRH*2412A**	23,400	TDR&TXV	14.50		11.70	23,800	3.76	14,200	2.54	8.7	58CV(A,X)090-
	CSRH*2412A**	23,400	TDR&TXV	14.50		11.70	23,800	3.74	14,300	2.52	8.7	58CV(A,X)110-
	CSRH*2412A**	23,400	TDR&TXV	14.50		11.70	23,800	3.74	14,300	2.52	8.7	58CV(A,X)135-
	CSRH*2412A**	23,400	TDR&TXV	14.50		11.70	23,800	3.76	14,200	2.54	8.7	58CV(A,X)155-
	CSRH*2412A**	23,400	TDR&TXV	14.50		11.70	24,000	3.74	14,300	2.52	8.7	58MVB040-
									,		8.7	
	CSRH*2412A**	23,400	TDR&TXV	14.50		11.70	23,800	3.74	14,200	2.52		58MVB060-
	CSRH*2412A**	23,400	TDR&TXV	14.50		11.70	23,800	3.74	14,300	2.52	8.7	58MVB080-
	CSRH*2412A**	23,400	TDR&TXV	14.50		11.70	23,800	3.74	14,200	2.52	8.7	58MVB080-2
	CSRH*2412A**	23,400	TDR&TXV	14.50		11.70	23,800	3.76	14,300	2.54	8.7	58MVB100-2
	CSRH*2412A** CSRH*2412A**	23,200 23,400	TDR&TXV TXV	14.50	13.20	11.70 11.00	23,800 24,000	3.70 3.70	14,200 15,000	2.52	8.6 8.6	58MVB120-2
	551 2-12/		177		.5.20	. 1.50	24,000	5.75	.0,000	2.77		
	CSRH*3012A**	23,400	TDR&TXV	14.50		11.70	23,600	3.70	14,200	2.52	8.7	58CV(A,X)070-
	CSRH*3012A**	23,600	TDR&TXV	14.50		11.70	23,600	3.74	14,100	2.54	8.7	58CV(A,X)090-
	CSRH*3012A**	23,600	TDR&TXV	14.50		11.70	23,600	3.74	14,200	2.54	8.7	58CV(A,X)110-
	CSRH*3012A**	23,600	TDR&TXV	14.50		11.70	23,600	3.74	14,200	2.54	8.7	58CV(A,X)135-
	CSRH*3012A**	23,600	TDR&TXV	14.50		11.70	23,600	3.74	14,200	2.54	8.7	58CV(A,X)155-
	CSRH*3012A**	23,600	TDR&TXV	14.50		11.70	23,600	3.72	14,200	2.52	8.7	58MVB040-
	CSRH*3012A**	23,400	TDR&TXV	14.50		11.70	23,600	3.72	14,200	2.54	8.7	58MVB060-
	CSRH*3012A**	23,600	TDR&TXV	14.50		11.70	23,600	3.72	14,200	2.54	8.7	58MVB080-
	CSRH*3012A**	23,600	TDR&TXV	14.50		11.70	23,600	3.72	14,200	2.54	8.7	58MVB080-2
	CSRH*3012A**	23,600	TDR&TXV	14.50		11.70	23,600	3.74	14,200	2.54	8.7	58MVB100-2
	CSRH*3012A**	23,400	TDR&TXV	14.50		11.70	23,600	3.70	14,200	2.52	8.6	58MVB120-2
	CSRH*3012A**	23,600	TXV		13.20	11.00	24,000	3.58	15,000	2.44	8.5	
	*FC4DNF030	28,800	TDR&TXV	13.00		10.80	28,800	3.38	17,300	2.30	8.0	
	FC4DN(F,B)036	29,000	TDR&TXV	13.00		10.80	28,000	3.30	17,500	2.28	8.0	
	FK4DN(B,F)003	28,800	TDR&TXV	13.50		11.20	27,800	3.36	17,000	2.32	8.0	
	FK4DNF001	28,400	TDR&TXV	13.00		10.80	28,800	3.32	17,100	2.26	7.7	
	FK4DNF002	28,800	TDR&TXV	13.20		11.00	28,800	3.44	17,100	2.30	8.0	
-30	CAR**3014A**	28,400	TDR&TXV	13.00		10.80	28,400	3.30	17,100	2.26	7.7	58CV(A,X)070-
												500V/A V/ 000
	CAR**3017A**	28,400	TDR&TXV	13.20		11.00	28,200	3.34	17,000	2.30	7.7	58CV(A,X)090-
	CAR**3017A** CAR**3017A**	28,400 28,400	TDR&TXV TDR&TXV	13.20 13.00		11.00 10.80	28,200 28,400	3.34	17,000 17,100	2.30	7.7	58CV(A,X)090- 58MVB060-1

Unit		Cooling		Cooling			AHI Stand	ard Rating	s Heating			
Size -	Indoor Model	Capa-					High Te	emp	Low Te	mp		- -
/oltage, Series		city	Factory Enhance	Standard Rating	SEER TDR	EER	E	E	Н	Н	HSPF	Furnace Model
	CAR**3614A**	28,600	TDR&TXV	13.00		10.80	Capacity 28,200	3.30	Capacity 17,100	2.28	7.7	58CV(A,X)070-1
	OAD++00474++	00.000	TDD0TV/	40.00		44.00	00.000	0.04	47.000	0.00		500/// 2000
	CAR**3617A** CAR**3617A**	28,600 28,600	TDR&TXV TDR&TXV	13.20 13.20		11.00 11.00	28,000 28,200	3.34	17,000 17,100	2.30	7.7	58CV(A,X)090-1 58MVB060-14
	CAR**3617A**	28,600	TDR&TXV	13.20		11.00	28,200	3.32	17,100	2.28	7.7	58UVB060-14
			,				•		,			
	CAR**3621A** CAR**3621A**	28,800 28,600	TDR&TXV TDR&TXV	13.20 13.20		11.00 11.00	28,000 28,000	3.36 3.34	17,000 17,100	2.32	7.7 7.7	58CV(A,X)110-2 58MVB080-20
	CAR**3621A**	28,600	TDR&TXV	13.20		11.00	28,000	3.34	17,100	2.30	7.7	58MVB100-20
	CAR**3621A**	28,600	TDR&TXV	13.20		11.00	28,000	3.34	17,100	2.30	7.7	58UVB080-20
	CAR**3621A**	28,600	TDR&TXV	13.20		11.00	28,000	3.34	17,000	2.30	7.7	58UVB100-20
	CNRH*3017A**	28,400	TDR&TXV	13.00		10.80	28,400	3.32	17,100	2.28	7.7	58CV(A,X)070-1
	CNRH*3017A**	28,600	TDR&TXV	13.20		11.00	28,200	3.34	17,100	2.30	7.7	58CV(A,X)090-1
	CNRH*3017A**	28,600	TDR&TXV	13.20		10.80	28,200	3.34	17,100	2.30	7.7	58CV(A,X)110-2
	CNRH*3017A**	28,600	TDR&TXV	13.20		11.00	28,200	3.34	17,000	2.30	7.7	58CV(A,X)135-2
	CNRH*3017A**	28,600	TDR&TXV	13.20		11.00	28,200	3.34	17,000	2.30	7.7	58CV(A,X)155-2
	CNRH*3017A**	28,400	TDR&TXV	13.00		10.80	28,400	3.30	17,100	2.28	7.7	58MVB040-14
	CNRH*3017A**	28,400	TDR&TXV	13.00		10.80	28,400	3.30	17,100	2.28	7.7	58MVB060-14
	CNRH*3017A**	28,400	TDR&TXV	13.00		10.80	28,400	3.32	17,100	2.28	7.7	58MVB080-14
	CNRH*3017A**	28,400	TDR&TXV	13.00		10.80	28,400	3.32	17,100	2.28	7.7	58MVB080-20
	CNRH*3017A**	28,600	TDR&TXV	13.00		10.80	28,200	3.32	17,100	2.28	7.7	58MVB100-20
	CNRH*3617A**	28,400	TDR&TXV	13.00		10.80	28,400	3.32	17,100	2.28	7.7	58CV(A,X)070-1
	CNRH*3617A**	28,600	TDR&TXV	13.20		11.00	28,200	3.34	17,000	2.30	7.7	58CV(A,X)090-1
	CNRH*3617A**	28,600	TDR&TXV	13.20		11.00	28,200	3.34	17,100	2.30	7.7	58CV(A,X)110-2
	CNRH*3617A**	28,600	TDR&TXV	13.20		11.00	28,200	3.34	17,000	2.30	7.7	58CV(A,X)135-2
	CNRH*3617A**	28,600	TDR&TXV	13.20		11.00	28,200	3.34	17,000	2.30	7.7	58CV(A,X)155-2
	CNRH*3617A**	28,400	TDR&TXV	13.00		10.80	28,400	3.30	17,100	2.28	7.7	58MVB040-14
	CNRH*3617A**	28,400	TDR&TXV	13.00		10.80	28,400	3.30	17,100	2.28	7.7 7.7	58MVB060-14
	CNRH*3617A** CNRH*3617A**	28,400 28,400	TDR&TXV TDR&TXV	13.00 13.00		10.80 10.80	28,400 28,400	3.32	17,100 17,100	2.28	7.7	58MVB080-14 58MVB080-20
	CNRH*3617A**	28,600	TDR&TXV	13.00		10.80	28,200	3.32	17,100	2.28	7.7	58MVB100-20
	CNRH*3617A**	28,400	TDR&TXV	13.20		11.00	28,200	3.32	17,000	2.28	7.7	58MVB120-20
	CNRV*3014A**	28,400	TDR&TXV	13.00	I	10.80	28,400	3.30	17,200	2.26	7.7	58CV(A,X)070-1
	STATE SST-47	20,400	IBRATAV	10.00		10.00	20,400	0.00	17,200	2.20	, , , ,	0001(1,7,000
30-30	CNRV*3017A**	28,600	TDR&TXV	13.20		11.00	28,200	3.34	17,000	2.30	7.7	58CV(A,X)090-
	CNRV*3017A** CNRV*3017A**	28,400 28,400	TDR&TXV TDR&TXV	13.00 13.00		10.80	28,400 28,400	3.30	17,100 17,100	2.28	7.7	58MVB060-14 58UVB060-14
			,					<u> </u>		<u> </u>		
	CNRV*3617A** CNRV*3617A**	28,600	TDR&TXV TDR&TXV	13.20 13.00		10.80	28,200 28,400	3.34	17,000 17,100	2.30	7.7	58CV(A,X)090-1
	CNRV*3617A**	28,400 28,400	TDR&TXV	13.00		10.80	28,400	3.30	17,100	2.28	7.7	58MVB060-14 58UVB060-14
	CNRV*3621A**	28,600	TDR&TXV	13.20		11.00	28,200	3.34	17,100	2.30	7.7	58CV(A,X)110-2
	CNRV*3621A**	28,400	TDR&TXV	13.00		10.80	28,400 28.400	3.32	17,100	2.28	7.7	58MVB080-14
	CNRV*3621A** CNRV*3621A**	28,400 28,600	TDR&TXV TDR&TXV	13.00 13.00		10.80 10.80	28,400	3.32	17,100 17,100	2.28	7.7	58MVB080-20 58MVB100-20
	CNRV*3621A**	28,400	TDR&TXV	13.00		10.80	28,400	3.32	17,100	2.28	7.7	58UVB080-14
	CNRV*3621A**	28,400	TDR&TXV	13.00		10.80	28,400	3.32	17,100	2.28	7.7	58UVB080-20
	CNRV*3621A**	28,600	TDR&TXV	13.00		10.80	28,200	3.32	17,100	2.28	7.7	58UVB100-20
	OOD! Hees : - 1 : 1	00.05	TDDATES	40.00		400-	00.05		4= 05=			5001//4 10
	CSRH*3012A**	28,600	TDR&TXV	13.00		10.80	28,200	3.30	17,200	2.28	7.7	58CV(A,X)070-
	CSRH*3012A** CSRH*3012A**	28,600 28,800	TDR&TXV TDR&TXV	13.20 13.20		11.00 11.00	28,200 28,200	3.32 3.34	17,100 17,100	2.30	7.7 7.7	58CV(A,X)090 – 58CV(A,X)110 – 2
	CSRH*3012A**	28,800	TDR&TXV	13.20		11.00	28,200	3.34	17,100	2.30	7.7	58CV(A,X)110=2
	CSRH*3012A**	28,800	TDR&TXV	13.20		11.00	28,200	3.34	17,100	2.30	7.7	58CV(A,X)155-2
	CSRH*3012A**	28,600	TDR&TXV	13.00		10.80	28,200	3.30	17,200	2.28	7.7	58MVB040-14
	CSRH*3012A**	28,600	TDR&TXV	13.00		10.80	28,200	3.30	17,100	2.28	7.7	58MVB060-14
	CSRH*3012A**	28,600	TDR&TXV	13.00		10.80	28,200	3.30	17,200	2.28	7.7	58MVB080-14
	CSRH*3012A**	28,600	TDR&TXV	13.00		10.80	28,200	3.32	17,100	2.28	7.7	58MVB080-20
	CSRH*3012A**	28,600	TDR&TXV	13.20		11.00	28,200	3.32	17,100	2.28	7.7	58MVB100-20
	CSRH*3012A**	28,600	TDR&TXV	13.20		11.00	28,200	3.32	17,100	2.28	7.7	58MVB120-20
	CSRH*3612A**	29,200	TDR&TXV	13.50		11.00	27,600	3.36	17,200	2.32	8.0	58CV(A,X)070-
	CSRH*3612A**	29,200	TDR&TXV	13.50		11.20	27,600	3.38	17,100	2.34	8.0	58CV(A,X)090-
	CSRH*3612A**	29,400	TDR&TXV	13.50		11.20	27,400	3.38	17,100	2.34	8.0	58CV(A,X)110-2
	CSRH*3612A**	29,400	TDR&TXV	13.50		11.20	27,400	3.40	17,100	2.34	8.0	58CV(A,X)135-2
	CSRH*3612A**	29,400	TDR&TXV	13.50		11.20	27,400	3.40	17,100	2.34	8.0	58CV(A,X)155-
	CSRH*3612A**	29,200	TDR&TXV	13.20		11.00	27,600	3.36	17,200	2.32	8.0	58MVB040-14
	CSRH*3612A** CSRH*3612A**	29,200 29,200	TDR&TXV TDR&TXV	13.20 13.20		11.00 11.00	27,600 27,600	3.36 3.36	17,100 17,200	2.32	8.0 8.0	58MVB060-14 58MVB080-14
		29,200	TDR&TXV	13.20		11.00	27,600	3.36	17,200	2.32	8.0	58MVB080-12
	CSRH*36194**						000, رے	0.00	17,200	2.02	0.0	
	CSRH*3612A** CSRH*3612A**	29,200	TDR&TXV	13.50		11.20	27,600	3.38	17,100	2.32	8.0	58MVB100-20

Unit		06-"		0			ARI Standa	ard Rating				
Size -	Indoor Model	Cooling Capa-		Cooling		1	High Te	mn	Heating Low Te	mn		-
/oltage, Series	muoor wouer	city	Factory Enhance	Standard Rating	SEER TDR	EER	E	E	Н	Н	HSPF	Furnace Model
	*FC4DN(F,B)036	34,600	TDR&TXV	13.00		10.80	Capacity 35,000	3.36	Capacity 21,200	2.46	8.0	
	FC4DN(F,B)036	35,400	TDR&TXV	13.20		11.00	32,200	3.32	21,400	2.46	8.4	
	FK4DNF002	34,000	TDR&TXV	13.00		10.80	36,400	3.46	21,000	2.44	8.2	
	FK4DNF003	34,200	TDR&TXV	13.50		11.20	35,000	3.38	20,800	2.48	8.3	
	CAR**3614A**	32,800	TDR&TXV	13.00		10.80	34,400	3.32	21,000	2.42	8.1	58CV(A,X)070-1
	CAR**3617A**	34,000	TDR&TXV	13.20		11.00	35,400	3.36	20,800	2.46	8.2	58CV(A,X)090-1
	CAR**3617A**	33,800	TDR&TXV	13.00		10.80	35,400	3.36	21,000	2.44	8.2	58MVB060-14
	CAR**3617A**	33,800	TDR&TXV	13.00		10.80	35,400	3.36	21,000	2.44	8.2	58UVB060-14
	CAR**3621A**	34,000	TDR&TXV	13.20		11.00	35,200	3.38	20,800	2.46	8.3	58CV(A,X)110-2
	CAR**3621A**	33,800	TDR&TXV TDR&TXV	13.00		10.80	35,400 35,400	3.34	21,000	2.42	8.2 8.2	58MVB080-14
	CAR**3621A** CAR**3621A**	34,000 34,000	TDR&TXV	13.00 13.20		10.80 11.00	35,400	3.36 3.36	21,000 20,800	2.44	8.2	58MVB080-20 58MVB100-20
	CAR**3621A**	33,800	TDR&TXV	13.00		10.80	35,400	3.34	21,000	2.42	8.2	58UVB080-14
	CAR**3621A**	34,000	TDR&TXV	13.00		10.80	35,400	3.36	21,000	2.44	8.2	58UVB080-20
	CAR**3621A**	34,000	TDR&TXV	13.20		11.00	35,400	3.36	20,800	2.44	8.2	58UVB100-20
						,						
	CAR**4221A**	34,400	TDR&TXV	13.20		11.00	34,800	3.40	21,000	2.48	8.3	58CV(A,X)110-2
	CAR**4221A**	34,000	TDR&TXV	13.00		10.80	35,000	3.36	21,000	2.44	8.2	58MVB080-14 58MVB080-20
	CAR**4221A** CAR**4221A**	34,200 34,200	TDR&TXV TDR&TXV	13.20 13.20		11.00 11.00	35,000 35,000	3.38	21,000 21,000	2.46 2.46	8.3 8.3	58MVB080-20 58MVB100-20
	CAR**4221A**	34,000	TDR&TXV	13.00		10.80	35,000	3.36	21,000	2.44	8.2	58UVB080-14
	CAR**4221A**	34,200	TDR&TXV	13.20		11.00	35,000	3.38	21,000	2.46	8.3	58UVB080-20
	CAR**4221A**	34,200	TDR&TXV	13.20		11.00	35,000	3.38	21,000	2.46	8.3	58UVB100-20
	CAR**4224A**	34,400	TDR&TXV	13.50		11.20	34,800	3.42	20,800	2.50	8.4	58CV(A,X)135-2
	CAR**4224A**	34,400	TDR&TXV	13.50		11.20	34,600	3.44	20,800	2.50	8.4	58CV(A,X)155-2
	CAR**4224A**	34,200	TDR&TXV	13.00		10.80	35,000	3.36	21,000	2.44	8.3	58MVB040-14
	CAR**4224A** CAR**4224A**	34,200 34,200	TDR&TXV TDR&TXV	13.20 13.20		11.00 11.00	34,800 34,800	3.40 3.40	20,800 20,800	2.48	8.3 8.3	58MVB120-20 58UVB120-20
	CAN 4224A	34,200	IDIIQIAV	13.20		11.00	34,000	3.40	20,000	2.40	0.5	300VB120=20
	CNRH*3617A**	33,800	TDR&TXV	13.00		10.80	35,600	3.32	21,000	2.42	8.1	58CV(A,X)070-1
	CNRH*3617A**	33,800	TDR&TXV	13.00		10.80	35,400	3.36	21,000	2.44	8.2	58CV(A,X)090-1
	CNRH*3617A**	33,800	TDR&TXV	13.00		10.80	35,400	3.36	21,000	2.44	8.2	58CV(A,X)110-2
	CNRH*3617A**	33,800	TDR&TXV	13.00		10.80	35,400	3.36	20,800	2.44	8.2	58CV(A,X)135-2
36-30	CNRH*3617A**	34,000	TDR&TXV	13.20		11.00	35,400	3.38	20,800	2.46	8.2	58CV(A,X)155-2
	CNRH*3617A** CNRH*3617A**	33,600 33,800	TDR&TXV TDR&TXV	13.00 13.00		10.80 10.80	35,400 35,400	3.30 3.34	21,000 21,000	2.40	8.1 8.2	58MVB040-14 58MVB060-14
	CNRH*3617A**	33,800	TDR&TXV	13.00		10.80	35,400	3.32	21,000	2.42	8.2	58MVB080-20
	CNRH*3617A**	33,800	TDR&TXV	13.00		10.80	35,400	3.34	21,000	2.42	8.2	58MVB100-20
	CNRH*3617A**	33,800	TDR&TXV	13.00		10.80	35,400	3.34	21,000	2.42	8.2	58MVB120-20
	CNRH*4221A**	34,200	TDR&TXV	13.20		11.00	35,000	3.40	21,000	2.46	8.3	58CV(A,X)070-1
	CNRH*4221A**	34,400	TDR&TXV	13.50		11.20	34,800	3.44	20,800	2.50	8.4	58CV(A,X)090-1
	CNRH*4221A** CNRH*4221A**	34,600 34,600	TDR&TXV TDR&TXV	13.50 13.50		11.20 11.20	34,800 34,600	3.44 3.46	20,800 20,800	2.50 2.52	8.4 8.5	58CV(A,X)110-2 58CV(A,X)135-2
	CNRH*4221A**	34,600	TDR&TXV	13.50		11.20	34,600	3.48	20,600	2.52	8.5	58CV(A,X)155-2
	CNRH*4221A**	34,200	TDR&TXV	13.20		11.00	35,000	3.40	21,000	2.48	8.3	58MVB040-14
	CNRH*4221A**	34,400	TDR&TXV	13.50		11.20	34,800	3.42	20,800	2.48	8.4	58MVB060-14
	CNRH*4221A**	34,200	TDR&TXV	13.20		11.00	35,000	3.40	21,000	2.46	8.3	58MVB080-14
	CNRH*4221A**	34,400	TDR&TXV	13.20		11.00	34,800	3.40	21,000	2.48	8.3	58MVB080-20
	CNRH*4221A**	34,400	TDR&TXV	13.50		11.20	34,800	3.42	20,800	2.48	8.4	58MVB100-20
	CNRH*4221A**	34,400	TDR&TXV	13.50	_	11.20	34,800	3.44	20,800	2.50	8.4	58MVB120-20
	CNRV*3617A**	33,800	TDR&TXV	13.00		10.80	35,400	3.36	21,000	2.44	8.2	58CV(A,X)090-1
	CNRV*3617A**	33,800	TDR&TXV	13.00		10.80	35,400	3.34	21,000	2.42	8.2	58MVB060-14
	CNRV*3617A**	33,800	TDR&TXV	13.00		10.80	35,400	3.34	21,000	2.42	8.2	58UVB060-14
	CNRV*3621A**	34,000	TDR&TXV	13.00		10.80	35,400	3.36	21,000	2.44	8.2	58CV(A,X)110-2
	CNRV*3621A**	33,800	TDR&TXV	13.00		10.80	35,400	3.34	21,000	2.42	8.2	58MVB080-20
	CNRV*3621A** CNRV*3621A**	33,800 33,800	TDR&TXV TDR&TXV	13.00 13.00		10.80 10.80	35,400 35,400	3.34	21,000 21,000	2.42	8.2 8.2	58MVB100-20 58UVB080-20
	CNRV*3621A**	33,800	TDR&TXV	13.00		10.80	35,400	3.34	21,000	2.42	8.2	58UVB100-20
		-,-,-					-,		,			
	CNRV*4221A**	34,600	TDR&TXV	13.50		11.20	34,800	3.44	20,800	2.50	8.4	58CV(A,X)110-
	CNRV*4221A**	34,200	TDR&TXV	13.20		11.00	35,000	3.40	21,000	2.46	8.3	58MVB080-14
	CNRV*4221A**	34,400	TDR&TXV	13.20		11.00	34,800	3.40	21,000	2.48	8.3	58MVB080-20
	CNRV*4221A**	34,400	TDR&TXV	13.50		11.20	34,800	3.42	20,800	2.48	8.4	58MVB100-20
	CNRV*4221A**	34,200	TDR&TXV	13.20		11.00	35,000	3.40	21,000	2.46	8.3	58UVB080-14
	CNRV*4221A** CNRV*4221A**	34,400 34,400	TDR&TXV TDR&TXV	13.20 13.50		11.00 11.20	34,800 34,800	3.40 3.42	21,000 20,800	2.48	8.3 8.4	58UVB080-20 58UVB100-20
	SINITY TEETA	U-T, 11 UU	IDIIXIAV	10.00		11.20	07,000	0.42	20,000	2.40	0.4	300 100-20
	CSRH*3612A**	33,600	TDR&TXV	13.20		11.00	34,400	3.38	21,200	2.46	8.3	58CV(A,X)070-1

Unit							ARI Standa	ard Rating				T
Size –	Indoor Model	Cooling Capa-		Cooling			Lliah Ta	.mn	Heating			
oltage, Series	maoor woder	city	Factory Enhance	Standard Rating	SEER TDR	EER	High Te E Capacity	E COP	Low Te H Capacity	H COP	HSPF	Furnace Mode
	CSRH*3612A**	34,000	TDR&TXV	13.50		11.20	34,200	3.42	21,000	2.50	8.4	58CV(A,X)110-2
	CSRH*3612A**	34,000	TDR&TXV	13.50		11.20	34,200	3.44	21,000	2.50	8.4	58CV(A,X)135-2
	CSRH*3612A**	34,000	TDR&TXV	13.50		11.20	34,200	3.46	21,000	2.52	8.5	58CV(A,X)155-2
	CSRH*3612A**	33,600	TDR&TXV	13.20		11.00	34,600	3.38	21,200	2.46	8.3	58MVB040-14
	CSRH*3612A**	33,800	TDR&TXV	13.20		11.00	34,400	3.40	21,000	2.48	8.4	58MVB060-14
	CSRH*3612A**	33,600	TDR&TXV	13.00		10.80	34,600	3.36	21,200	2.46	8.3	58MVB080-14
	CSRH*3612A**	33,800	TDR&TXV	13.20		11.00	34,400	3.40	21,000	2.48	8.4	58MVB080-20
	CSRH*3612A** CSRH*3612A**	33,800 33,800	TDR&TXV TDR&TXV	13.20 13.20		11.00 11.00	34,400 34,400	3.40 3.42	21,000 21,000	2.48	8.4 8.4	58MVB100-20 58MVB120-20
	001111 00121	55,555		15.25			0 1,100	02	21,000	2.10	J	0011172120 20
6-30	CSRH*4212A**	34,200	TDR&TXV	13.20		11.00	33,800	3.38	21,200	2.48	8.4	58CV(A,X)070-
	CSRH*4212A**	34,200	TDR&TXV TDR&TXV	13.50 13.50		11.20	33,800	3.42	21,000	2.52	8.5 8.5	58CV(A,X)090-
	CSRH*4212A** CSRH*4212A**	34,400 34,400	TDR&TXV	13.50		11.20 11.20	33,600 33,600	3.42 3.44	21,000 21,000	2.52	8.5	58CV(A,X)110- 58CV(A,X)135-
	CSRH*4212A**	34,400	TDR&TXV	13.50		11.50	33,600	3.46	21,000	2.52	8.5	58CV(A,X)155-
	CSRH*4212A**	34,000	TDR&TXV	13.20		11.00	34,000	3.38	21,200	2.48	8.4	58MVB040-1
	CSRH*4212A**	34,200	TDR&TXV	13.50		11.20	33,800	3.42	21,000	2.50	8.4	58MVB060-1
	CSRH*4212A**	34,000	TDR&TXV	13.20		11.00	34,000	3.38	21,200	2.46	8.3	58MVB080-1
	CSRH*4212A**	34,200	TDR&TXV	13.50		11.20	33,800	3.40	21,000	2.50	8.4	58MVB080-2
	CSRH*4212A**	34,200	TDR&TXV	13.50		11.20	33,800	3.42	21,000	2.50	8.4	58MVB100-2
	CSRH*4212A**	34,200	TDR&TXV	13.50		11.20	33,800	3.42	21,000	2.50	8.4	58MVB120-2
	*FC4DN(F,B)042	41,000	TDR&TXV	13.00		11.00	40,500	3.56	24,600	2.42	8.0	
	FC4DN(F,B)048	42,000	TDR&TXV	13.50		11.20	39,500	3.68	24,600	2.48	8.2	
	FK4DN(B,F)003	40,000	TDR&TXV	13.50		11.20	39,500	3.38	23,800	2.40	7.7	
	FK4DN(B,F)005	41,500	TDR&TXV	14.00		12.00	39,000	3.62	24,000	2.50	8.0	
	FK4DNB006	42,000	TDR&TXV	14.50		12.00	37,200	3.60	24,000	2.54	8.2	
	CAR**4221A**	40,000	TDR&TXV	13.50		11.20	40,000	3.42	24,000	2.40	7.7	58CV(A,X)110-
	CAR**4221A**	39,500	TDR&TXV	13.00		10.80	40,000	3.36	24,200	2.36	7.7	58MVB080-1
	CAR**4221A**	39,500	TDR&TXV	13.20		11.00	40,000	3.38	24,200	2.38	7.7	58MVB080-2
	CAR**4221A**	39,500	TDR&TXV	13.20		11.00	40,000	3.40	24,000	2.40	7.7	58MVB100-2
	CAR**4221A**	39,500	TDR&TXV	13.00		10.80	40,000	3.36	24,200	2.36	7.7	58UVB080-1
	CAR**4221A** CAR**4221A**	39,500	TDR&TXV	13.20 13.20		11.00	40,000	3.38 3.40	24,200 24,000	2.38	7.7 7.7	58UVB080-2
	CAN***4221A***	39,500	TDR&TXV	13.20		11.00	40,000	3.40	24,000	2.40	7.7	58UVB100-2
	CAR**4224A**	40,000	TDR&TXV	13.50		11.20	39,500	3.46	23,800	2.44	7.7	58CV(A,X)135-
	CAR**4224A**	40,000	TDR&TXV	13.50		11.20	39,500	3.46	23,800	2.44	7.7	58CV(A,X)155-
	CAR**4224A** CAR**4224A**	39,500 39,500	TDR&TXV TDR&TXV	13.20 13.50		11.00 11.00	40,000 40,000	3.36 3.40	24,200 24,000	2.38	7.7	58MVB040-1 58MVB120-2
	CAR**4224A**	39,500	TDR&TXV	13.50		11.00	40,000	3.40	24,000	2.40	7.7	58UVB120-2
	CAR**4817A**	41,000	TDR&TXV	13.50	T	11.20	39,500	3.58	24,200	2.44	8.0	58CV(A,X)090-
	CAR**4817A**	40,500	TDR&TXV	13.50		11.20	40,000	3.56	24,200	2.42	7.7	58MVB060-1
	CAR**4817A**	40,500	TDR&TXV	13.50		11.20	40,000	3.56	24,200	2.42	7.7	58UVB060-1
	CAR**4821A**	40,500	TDR&TXV	13.50		11.20	40,000	3.58	24,000	2.44	8.0	58CV(A,X)110-
	CAR**4821A**	40,000	TDR&TXV	13.20		11.20	40,000	3.50	24,200	2.40	7.7	58MVB080-1
	CAR**4821A**	40,500	TDR&TXV	13.20		11.00	40,000	3.54	24,200	2.42	7.7	58MVB080-2
-30	CAR**4821A**	40,500	TDR&TXV	13.50		11.20	40,000	3.56	24,200	2.44	7.7	58MVB100-2
	CAR**4821A**	40,000	TDR&TXV	13.20		11.20	40,000	3.50	24,200	2.40	7.7	58UVB080-1
	CAR**4821A**	40,500	TDR&TXV	13.20		11.00	40,000	3.54	24,200	2.42	7.7	58UVB080-2
	CAR**4821A**	40,500	TDR&TXV	13.50		11.20	40,000	3.56	24,200	2.44	7.7	58UVB100-2
	CAR**4824A**	40,500	TDR&TXV	13.50		11.20	40,000	3.62	24,000	2.46	8.0	58CV(A,X)135-
	CAR**4824A**	40,500	TDR&TXV	13.50		11.20	40,000	3.62	24,000	2.46	8.0	58CV(A,X)155-
	CAR**4824A**	40,000	TDR&TXV	13.20		11.00	40,000	3.52	24,200	2.40	7.7	58MVB040-1
	CAR**4824A**	40,500	TDR&TXV	13.50		11.20	40,000	3.56	24,000	2.44	7.7	58MVB120-2
	CAR**4824A**	40,500	TDR&TXV	13.50		11.20	40,000	3.56	24,000	2.44	7.7	58UVB120-2
	CNRH*4221A**	39,500	TDR&TXV	13.00		10.80	40,000	3.36	24,200	2.36	7.7	58CV(A,X)070-
	CNRH*4221A**	40,000	TDR&TXV	13.20		11.00	40,000	3.42	24,000	2.40	7.7	58CV(A,X)090-
	CNRH*4221A**	40,000	TDR&TXV	13.20		11.00	40,000	3.42	24,000	2.40	7.7	58CV(A,X)110-
	CNRH*4221A**	40,000	TDR&TXV	13.50		11.20	40,000	3.44	24,000	2.42	7.7	58CV(A,X)135-
	CNRH*4221A**	40,000	TDR&TXV	13.50		11.20	40,000	3.44	24,000	2.42	7.7	58CV(A,X)155-
	CNRH*4221A**	39,500	TDR&TXV	13.00		10.80	40,000	3.36	24,200	2.36	7.7	58MVB040-1
	CNRH*4221A**	39,500	TDR&TXV	13.20		11.00	40,000	3.38	24,200	2.38	7.7	58MVB060-1
	CNRH*4221A**	39,500	TDR&TXV	13.00		10.80	40,000	3.34	24,200	2.36	7.7	58MVB080-1
	CNRH*4221A**	39,500	TDR&TXV	13.20		11.00	40,000	3.38	24,200	2.38	7.7	58MVB080-2
	CNRH*4221A** CNRH*4221A**	39,500 39,500	TDR&TXV TDR&TXV	13.20 13.20		11.00 11.00	40,000 40,000	3.40 3.40	24,200 24,000	2.38	7.7	58MVB100-2 58MVB120-2
	CNRH*4821A** CNRH*4821A**	40,500 40,500	TDR&TXV TDR&TXV	13.20 13.50		11.00	40,500 40,000	3.52 3.56	24,200 24,000	2.40	7.7 7.7	58CV(A,X)070- 58CV(A,X)090-
	CNRH*4821A** CNRH*4821A**	40,500	TDR&TXV	13.50		11.20 11.20	40,000	3.56	24,000	2.44	8.0	58CV(A,X)090- 58CV(A,X)110-
	CNRH*4821A**	40,500	TDR&TXV	13.50			,	3.62	24,000	2.48	8.0	58CV(A,X)110-
						11.20	40,000					

Unit ize –	Indoor Mardal	Cooling		Cooling				ard Ratings	Heating			
oltage,	Indoor Model	Capa- city	Factory	Standard	SEER		High Te		Low Te			Furnace Mode
Series			Enhance	Rating	TDR	EER	E Capacity	E COP	H Capacity	H COP	HSPF	
	CNRH*4821A**	40,500	TDR&TXV	13.20		11.00	40,500	3.50	24,200	2.42	7.7	58MVB040-1
	CNRH*4821A**	40,500	TDR&TXV	13.50		11.20	40,000	3.54	24,200	2.42	7.7	58MVB060-1
	CNRH*4821A**	40,500	TDR&TXV	13.20		11.00	40,500	3.50	24,200	2.40	7.7	58MVB080-1
	CNRH*4821A**	40,500	TDR&TXV	13.50		11.20	40,500	3.54	24,200	2.42	7.7	58MVB080-2
	CNRH*4821A**	40,500	TDR&TXV	13.50		11.20	40,000	3.56	24,200	2.44	7.7	58MVB100-2
	CNRH*4821A**	40,500	TDR&TXV	13.50		11.20	40,000	3.56	24,000	2.44	7.7	58MVB120-
	CNRV*4221A**	40,000	TDR&TXV	13.20		11.00	40,000	3.42	24,000	2.40	7.7	58CV(A,X)110-
	CNRV*4221A**	39,500	TDR&TXV	13.00		10.80	40,000	3.34	24,200	2.36	7.7	58MVB080-
	CNRV*4221A**	39,500	TDR&TXV	13.20		11.00	40,000	3.38	24,200	2.38	7.7	58MVB080-2
	CNRV*4221A**	39,500	TDR&TXV	13.20		11.00	40,000	3.40	24,200	2.38	7.7	58MVB100-
	CNRV*4221A**	39,500	TDR&TXV	13.00		10.80	40,000	3.34	24,200	2.36	7.7	58UVB080-
	CNRV*4221A**	39,500	TDR&TXV	13.20		11.00	40,000	3.38	24,200	2.38	7.7	58UVB080-2
	CNRV*4221A**	39,500	TDR&TXV	13.20		11.00	40,000	3.40	24,200	2.38	7.7	58UVB100-2
	CNRV*4821A**	40,500	TDR&TXV	13.50		11.20	40,000	3.58	24,000	2.46	8.0	58CV(A,X)110-
	CNRV*4821A**	40,500	TDR&TXV	13.20		11.00	40,500	3.50	24,200	2.40	7.7	58MVB080-
	CNRV*4821A**	40,500	TDR&TXV	13.50		11.20	40,500	3.54	24,200	2.42	7.7	58MVB080-2
	CNRV*4821A**	40,500	TDR&TXV	13.50		11.20	40,000	3.56	24,200	2.44	7.7	58MVB100-2
	CNRV*4821A**	40,500	TDR&TXV	13.20		11.00	40,500	3.50	24,200	2.40	7.7	58UVB080-
	CNRV*4821A**	40,500	TDR&TXV	13.50		11.20	40,500	3.54	24,200	2.42	7.7	58UVB080-2
	CNRV*4821A**	40,500	TDR&TXV	13.50		11.20	40,000	3.56	24,200	2.44	7.7	58UVB100-2
			·	·						<u> </u>		_
	CNRV*4824A**	40,500	TDR&TXV	13.50		11.20	40,000	3.62	24,000	2.48	8.0	58CV(A,X)135-
	CNRV*4824A**	40,500	TDR&TXV	14.00		11.50	40,000	3.60	24,000	2.48	8.0	58CV(A,X)155-
	CNRV*4824A**	40,500	TDR&TXV	13.20		11.00	40,500	3.50	24,200	2.42	7.7	58MVB040-
-30	CNRV*4824A**	40,500	TDR&TXV	13.50		11.20	40,000	3.56	24,000	2.44	7.7	58MVB120-2
	CNRV*4824A**	40,500	TDR&TXV	13.50		11.20	40,000	3.56	24,000	2.44	7.7	58UVB120-2
	CSRH*4212A**	40,500	TDR&TXV	13.00		11.00	40,500	3.50	24,400	2.40	7.7	58CV(A,X)070
	CSRH*4212A**	40,500	TDR&TXV	13.50		11.20	40,000	3.56	24,200	2.44	7.7	58CV(A,X)090
	CSRH*4212A**	41,000	TDR&TXV	13.50		11.20	40,500	3.58	24,200	2.44	8.0	58CV(A,X)110-
	CSRH*4212A**	41,000	TDR&TXV	13.50		11.20	40,000	3.60	24,000	2.46	8.0	58CV(A,X)135
	CSRH*4212A**	41,000	TDR&TXV	13.50		11.20	40,000	3.60	24,000	2.46	8.0	58CV(A,X)155-
	CSRH*4212A**	40,500	TDR&TXV	13.20		11.00	40,500	3.50	24,200	2.40	7.7	58MVB040-
	CSRH*4212A**	40,500	TDR&TXV	13.50		11.20	40,500	3.54	24,200	2.42	7.7	58MVB060-
	CSRH*4212A**	40,500	TDR&TXV	13.20		11.00	40,500	3.48	24,400	2.40	7.7	58MVB080-
	CSRH*4212A**	40,500	TDR&TXV	13.50		11.20	40,500	3.54	24,200	2.42	7.7	58MVB080-
	CSRH*4212A**	40,500	TDR&TXV	13.50		11.20	40,500	3.54	24,200	2.44	7.7	58MVB100-
	CSRH*4212A**	40,500	TDR&TXV	13.50		11.20	40,000	3.54	24,200	2.44	7.7	58MVB120-
	CSRH*4812A**	40.500	TDR&TXV	10.00		11.00	40.500	0.54	04.400	2.40	7.7	50C)//A X)070
	CSRH*4812A**	40,500 41,000	TDR&TXV	13.20 13.50		11.00 11.20	40,500 40,000	3.54 3.60	24,400 24,200	2.40	7.7 8.0	58CV(A,X)070- 58CV(A,X)090-
	CSRH*4812A**	41,000	TDR&TXV	13.50		11.20	40,500	3.60	24,200	2.46	8.0	58CV(A,X)110
	CSRH*4812A**	41,000	TDR&TXV	13.50		11.20	40,000	3.64	24,000	2.48	8.0	58CV(A,X)135-
	CSRH*4812A**	41,000	TDR&TXV	14.00		11.50	40,000	3.64	24,000	2.48	8.0	58CV(A,X)155
	CSRH*4812A**	40,500	TDR&TXV	13.20		11.00	40,500	3.54	24,400	2.42	7.7	58MVB040-
			TDR&TXV									
	CSRH*4812A**	41,000		13.50	-	11.20	40,500	3.56	24,200	2.44	7.7	58MVB060-
	CSRH*4812A** CSRH*4812A**	40,500	TDR&TXV	13.20		11.00	40,500	3.52	24,400	2.40	7.7	58MVB080-
		41,000	TDR&TXV	13.50		11.20	40,500	3.56	24,200	2.42	7.7	58MVB080-
	CSRH*4812A**	41,000	TDR&TXV	13.50		11.20	40,500	3.58	24,200	2.44	8.0	58MVB100-2
	CSRH*4812A**	41,000	TDR&TXV	13.50		11.20	40,000	3.58	24,200	2.44	8.0	58MVB120-
	CSRH*4812A**	41,500	TXV	410.0-		10.80	41,000	3.54	25,000	2.38	7.7	
	*FC4DN(F,B)048	47,000	TDR&TXV	1'3.00		10.80	47,000	3.46	30,200	2.60	8.5	
	FK4DNB006 FK4DNF005	47,500 46,500	TDR&TXV TDR&TXV	14.00 13.50		11.50 11.20	46,000 46,000	3.54 3.40	29,600 29,600	2.66 2.60	8.6 8.4	
	CAR**4817A**	44,000	TDR&TXV	13.20		11.00	45,000	3.36	30,000	2.54	8.3	58CV(A,X)090-
	5/11 TOT/A	,000	IDIIGIAV	10.20		. 1.00	-0,000	3.55	50,000	2.54	0.0	300 v (A,A)090
	CAR**4821A**	45,000	TDR&TXV	13.20		11.00	46,000	3.34	29,800	2.54	8.2	58CV(A,X)110
	CAR**4821A**	45,000	TDR&TXV	13.00		10.80	46,000	3.30	29,800	2.50	8.1	58MVB080-
	CAR**4821A**	45,000	TDR&TXV	13.00		10.80	46,000	3.32	29,800	2.52	8.2	58MVB100-
	CAR**4821A**	45,000	TDR&TXV	13.00		10.80	46,000	3.30	29,800	2.50	8.1	58UVB080-2
	CAR**4821A**	45,000	TDR&TXV	13.00		10.80	46,000	3.32	29,800	2.52	8.2	58UVB100-2
-30	045:::::	1										500:111
	CAR**4824A**	45,500	TDR&TXV	13.50		11.20	46,000	3.36	29,600	2.56	8.3	58CV(A,X)135-
	CAR**4824A**	45,500	TDR&TXV	13.50		11.20	45,500	3.38	29,400	2.58	8.3	58CV(A,X)155
	CAR**4824A** CAR**4824A**	45,000 45,000	TDR&TXV TDR&TXV	13.20 13.20		11.00 11.00	46,000 46,000	3.32 3.32	29,800 29,800	2.52	8.2 8.2	58MVB120-2 58UVB120-2
	OAI1 4024A***	45,000	ΙΔΠαΙΛΥ	13.20	<u> </u>	11.00	40,000	0.02	29,000	2.02	0.2	300VD120-2
	CAR**6021A**	46,500	TDR&TXV	13.50		11.20	46,000	3.36	29,600	2.58	8.3	58CV(A,X)110
	CAD++6001 A++	46,000	TDR&TXV	13.20		11.00	46,000	3.32	29,800	2.54	8.2	58MVB080-2
	CAR**6021A**			40.50	1	11.00	46,000	3.34	29,800	2.56	8.2	58MVB100-2
	CAR**6021A**	46,500	TDR&TXV	13.50		11.20			,			
		46,500 46,000 46,500	TDR&TXV TDR&TXV TDR&TXV	13.50 13.20 13.50		11.20 11.00 11.20	46,000 46,000 46,000	3.32	29,800	2.54	8.2 8.2	58UVB080-2 58UVB100-2

Unit			<u></u>	-			ARI Stand	ara Hatings				1
Size –		Cooling		Cooling					Heating		1	
oltage, Series	Indoor Model	Capa- city	Factory Enhance	Standard Rating	SEER TDR	EER	High Te	E	Low Te	H	HSPF	Furnace Mod
	0.4.00.0.4.4.4	10.500	TDDOTAL	10.50		44.00	Capacity	COP	Capacity	COP		5001//4 10 405
	CAR**6024A**	46,500	TDR&TXV TDR&TXV	13.50		11.20	46,000	3.38	29,600	2.58	8.3	58CV(A,X)135-
	CAR**6024A**	46,500		13.50		11.50	46,000	3.40	29,600	2.60	8.4	58CV(A,X)155-
	CAR**6024A**	46,000	TDR&TXV	13.50		11.20	46,000	3.32	29,800	2.54	8.2	58MVB120-2
	CAR**6024A**	46,000	TDR&TXV	13.50		11.20	46,000	3.32	29,800	2.54	8.2	58UVB120-2
	CND11+4004 A++	45.000	TDD®TVV	10.00	T	11.00	46.000	0.00	00.000	0.54	0.0	50C)//A V)000
	CNRH*4821A**	45,000	TDR&TXV TDR&TXV	13.20		11.00	46,000	3.32	29,800	2.54	8.2	58CV(A,X)090-
	CNRH*4821A**	45,500		13.20		11.00	46,000	3.34	29,600	2.54	8.2	58CV(A,X)110
	CNRH*4821A**	45,500	TDR&TXV	13.50		11.20	45,500	3.36	29,600	2.56	8.3	58CV(A,X)135
	CNRH*4821A**	45,500	TDR&TXV	13.50		11.20	45,500	3.38	29,400	2.58	8.3	58CV(A,X)155
	CNRH*4821A**	45,000	TDR&TXV	13.00		10.80	46,000	3.30	29,800	2.52	8.1	58MVB080-
	CNRH*4821A**	45,000	TDR&TXV	13.20		11.00	46,000	3.32	29,800	2.52	8.2	58MVB100-
	CNRH*4821A**	45,000	TDR&TXV	13.20		11.00	46,000	3.30	29,800	2.52	8.2	58MVB120-
	CNDH*6004A**	46,000	TDD0TVV	12.50	T	11.00	46,000	2 20	20.800	2.56	0.0	59C\//A V\000
	CNRH*6024A**	46,000	TDR&TXV TDR&TXV	13.50		11.20	46,000	3.32	29,800	2.56	8.2	58CV(A,X)090
	CNRH*6024A**	46,500		13.50		11.20	46,000	3.34	29,600	2.56	8.2	58CV(A,X)110
	CNRH*6024A**	46,500	TDR&TXV	13.50		11.20	46,000	3.36	29,600	2.58	8.3	58CV(A,X)135
	CNRH*6024A**	46,500	TDR&TXV	13.50	-	11.20	45,500	3.40	29,400	2.60	8.3	58CV(A,X)155
	CNRH*6024A**	46,000	TDR&TXV	13.20		11.00	46,000	3.30	29,800	2.54	8.2	58MVB080-
	CNRH*6024A**	46,000	TDR&TXV	13.50	-	11.20	46,000	3.32	29,800	2.56	8.2	58MVB100-
	CNRH*6024A**	46,000	TDR&TXV	13.50		11.20	46,000	3.32	29,800	2.56	8.2	58MVB120-
		1		1	T							
	CNRV*4821A**	45,000	TDR&TXV	13.20		11.00	46,000	3.34	29,600	2.54	8.2	58CV(A,X)110
	CNRV*4821A**	45,000	TDR&TXV	13.00		10.80	46,000	3.30	29,800	2.52	8.1	58MVB080-
	CNRV*4821A**	45,000	TDR&TXV	13.20		11.00	46,000	3.32	29,800	2.52	8.2	58MVB100-
	CNRV*4821A**	45,000	TDR&TXV	13.00		10.80	46,000	3.30	29,800	2.52	8.1	58UVB080-
	CNRV*4821A**	45,000	TDR&TXV	13.20		11.00	46,000	3.32	29,800	2.52	8.2	58UVB100-
-30										,	,	
	CNRV*4824A**	45,500	TDR&TXV	13.50		11.20	45,000	3.36	29,600	2.56	8.3	58CV(A,X)135
	CNRV*4824A**	45,500	TDR&TXV	13.50		11.20	45,500	3.38	29,400	2.58	8.3	58CV(A,X)155
	CNRV*4824A**	45,000	TDR&TXV	13.20		11.00	46,000	3.30	29,800	2.52	8.2	58MVB120-
	CNRV*4824A**	45,000	TDR&TXV	13.20		11.00	46,000	3.30	29,800	2.52	8.2	58UVB120-
	CNRV*6024A**	46,500	TDR&TXV	13.50	I	11.20	46,000	3.36	29,600	2.58	8.3	58CV(A,X)135
	CNRV*6024A**	46,500	TDR&TXV	13.50		11.20	45,500	3.40	29,400	2.60	8.3	58CV(A,X)155
	CNRV*6024A**										8.2	1 /
	CNRV*6024A**	46,000	TDR&TXV TDR&TXV	13.50 13.50		11.20 11.20	46,000	3.32	29,800 29,800	2.56 2.56	8.2	58MVB120-
	CINHV**0024A***	46,000	ΙΔΠαίλν	13.30		11.20	46,000	3.32	29,600	2.30	0.2	58UVB120-
	CSRH*4812A**	45,000	TDR&TXV	13.20		11.00	46,000	3.34	29,800	2.54	8.2	58CV(A,X)090
	CSRH*4812A**	45,000	TDR&TXV	13.20		11.00	46,000	3.36	29,800	2.54	8.3	58CV(A,X)090 58CV(A,X)110
	CSRH*4812A**	45,500	TDR&TXV	13.50		11.20	46,000	3.38	29,800	2.56	8.3	,
	CSRH*4812A**		TDR&TXV	13.50		11.20		3.40	,	2.58	8.4	58CV(A,X)135
	CSRH*4812A**	45,500		13.00			45,500	3.32	29,600	2.52	8.2	58CV(A,X)155 58MVB080-
		45,000	TDR&TXV			10.80	46,000		30,000			
	CSRH*4812A**	45,000	TDR&TXV	13.20		11.00	46,000	3.34	30,000	2.54	8.2	58MVB100-
	CSRH*4812A**	45,000	TDR&TXV	13.20		11.00	46,000	3.34	29,800	2.54	8.2	58MVB120-
	CSBH*6010A**	46,000	TDR&TXV	13.50	T	11 20	46,000	3.38	29,800	2.58	8.3	58C\//\ \\\\
	CSRH*6012A**	10.000			-	11.20	46,000	0.10		0.50		58CV(A,X)090
	CSRH*6012A** CSRH*6012A**	46,000	TDR&TXV	13.50		11.20	46,000	3.40	29,800	2.58	8.4	58CV(A,X)110
		46,500	TDR&TXV TDR&TXV	13.50		11.20	46,000	3.44	29,600 29.600	2.60	8.4	58CV(A,X)135
	CSRH*6012A** CSRH*6012A**	46,500		14.00		11.50	46,000	3.46		2.62	8.5	58CV(A,X)155
		46,000	TDR&TXV	13.50		11.20	46,000	3.36	30,000	2.56	8.3	58MVB080-
	CSRH*6012A**	46,000	TDR&TXV	13.50		11.20	46,000	3.38	29,800	2.56	8.3	58MVB100-
	CSRH*6012A**	46,000	TDR&TXV	13.50		11.20	46,000	3.38	29,800	2.56	8.3	58MVB120-
	CSRH*6012A**	46,000	TXV			10.80	46,000	3.42	30,800	2.54	8.4	
	*FC4DN(F,B)060	59,000	TDR&TXV	13.00		10.80	60,000	3.50	37,200	2.46	8.1	
	FK4DNB006	58,500	TDR&TXV	13.20		11.00	59,500	3.52	36,400	2.48	8.1	
	CAR**6024A**	58,000	TDR&TXV	13.00		10.80	59,500	3.40	36,400	2.44	7.9	58CV(A,X)155
	CAIT 0024A	30,000	ΙΔΠαΙΛ	13.00		10.00	39,300	3.40	30,400	2.44	7.8	J00 v (A,A) 100
-30	CNRH*6024A**	57,500	TDR&TXV	13.00		10.80	59,000	3.36	36,200	2.44	7.8	58CV(A,X)155
	CNRV*6024A**	57,500	TDR&TXV	13.00		10.80	59,000	3.36	36,200	2.44	7.8	58CV(A,X)155
	CSRH*6012A**	57,500	TDR&TXV	13.00		10.80	59,500	3.40	36,400	2.44	7.9	58CV(A,X)135

SEER — Seasonal Energy Efficiency Ratio

COP — Coefficient of Performance

TDR — Time-Delay Relay

HSPF — Heating Seasonal Performance Factor

EER — Energy Efficiency Ratio

[#] Ratings are net values reflecting the effects of circulating fan heat. Ratings are based on:

Cooling Standard: 80°F (27°C) db 67°F (19°C) wb indoor entering air temperature and 95°F (35°C) db air entering outdoor unit.

High-Temp Heating Standard: 70°F (21°C) db indoor entering air temperature and 47°F (8°C) db 43°F (6°C) wb air entering outdoor unit.

Low-Temp Heating Standard: 70°F (21°C) db indoor entering air temperature and 17°F (±9°C) db 15°F (±10°C) wb air entering outdoor unit.

DETAILED COOLING CAPACITIES

EVAPORATOR AIR —	75 (2 Capacity MBtuh	75 (23.9) MBtuh	Total Sys-	85 (2 Capacity MBtuh	85 (29.4) MBtuh	Total Sys-	CONDENS 95 (3 Capacity MBtuh	NDENSER EN 95 (35) MBtuh	CONDENSER ENTERING AIR TEMPERATURES deg ° F (°C) 95 (35) 105 (40.6) city MBtuh Total Sys- Capacity MBtuh Tot	TEMPERATURES de 105 (² Capacity MBtuh	IRES deg °F (105 (40.6)	(°C) Total Sys-	115 (4 Capacity MBtuh	115 (46.1) MBtuh	Total Sys-	125 (E Capacity MBtuh	125 (51.7) MBtuh	Total Sys-
Total		Sens	tem KW	Total	Sens	tem KW	Total	Sens or Section W	Total Sens tem KW Total Sens Ra18C Outdoor Section With FA4CN(FC)018 Indoor Section	Total	Seetlon	tem KW	Total	Sens	tem KW	Total	Sens	tem KW
19.93		9.85	1.25	19.22	62.6		18.48	9.32	1.56	17.70	9.03	1.74	16.88	8.74	1.93	16.02	8.43	2.15
18.11	T	12.26	1.24	17.44	11.99	1.38	16.74	11.70	1.54	16.01	11.41	1.72	15.24	11.10	1.92	14.43	10.78	2.13
16.80	0	11.84	1.23	16.16	11.56	1.37	15.50	11.26	1.53	14.80	10.96	1.71	14.07	10.65	1.90	13.30	10.32	2.12
16.50	00	14.62	1.22	15.89	14.32	1.37	15.25	14.00	1.53	14.59	13.65	1.71	13.89	13.88	1.90	13.25	13.25	2.12
16.02	02	16.02	1.22	15.52	15.52	1.37	15.00	15.00	1.53	14.45	14.45	1.71	13.87	13.87	1.90	13.25	13.25	2.12
20.27	27	10.30	1.28	19.54	10.03	1.43	18.77	9.76	1.59	17.96	9.47	1.77	17.12	9.17	1.97	16.23	8.86	2.18
18	18.42	13.01	1.27	17.73	12.73	1.41	17.00	12.44	1.57	16.24	12.14	1.75	15.45	11.82	1.95	14.62	11.49	2.16
17	17.09	12.54	1.26	16.43	12.25	1.40	15.74	11.95	1.56	15.02	11.64	1.74	14.27	11.32	1.94	13.48	10.98	2.15
16	16.84	15.58	1.26	16.22	15.24	1.40	15.56	15.56	1.56	14.95	14.95	1.74	14.34	14.34	1.94	13.70	13.70	2.15
16	16.61	16.61	1.25	16.09	16.09	1.40	15.54	15.54	1.56	14.96	14.96	1.74	14.35	14.35	1.94	13.70	13.70	2.15
2	20.52	10.72	1.31	19.77	10.45	1.46	18.98	10.18	1.62	18.15	68.6	1.80	17.28	69.6	2.00	16.37	9.27	2.21
7	18.64	13.73	1.30	17.93	13.44	1.44	17.19	13.14	1.61	16.42	12.83	1.78	15.60	12.51	1.98	14.76	12.17	2.20
17	17.31	13.20	1.29	16.63	12.91	1.43	15.92	12.60	1.59	15.19	12.28	1.77	14.42	11.95	1.97	13.61	11.60	2.18
17	17.13	17.13	1.29	16.56	16.56	1.43	15.98	15.98	1.59	15.37	15.37	1.77	14.74	14.74	1.97	14.07	14.07	2.19
17	17.10	17.10	1.29	16.56	16.56	1.43	15.98	15.98	1.59	15.38	15.38	1.77	14.74	14.74	1.97	14.07	14.07	2.19

Cooling Indoor Model	Capacity	Power	Furnace Model	Cooling Indoor Model	Capacity
*FA4CN(F,C)018	1.00	1.00		CSRH*2412A**	1.02
FA4CN(F,C)024	1.00	1.00		CNRH*2417A**	1.02
FC4DNF018	1.02	0.92		CSRH*2412A**	1.02
FC4DNF024	1.03	0.89		CAR**2417A**	1.01
FF1ENE018	66.0	0.99		CNRV*2417A**	1.01
FF1ENE024	1.01	1.01		See notes on page 23	
FK4DNF001	1.02	0.88		į.	
FK4DNF002	1.03	0.89		.	
CAR**2414A**	1.01	1.01		.	
CAR**2417A**	1.01	1.01		1	
CNRF*2418A**	1.02	1.00		į.	
CNRH*2417A**	1.02	1.00		·	
CNRV*1814A**	1.01	1.01			
CNRV*2414A**	1.02	1.00			
CNRV*2417A**	1.02	1.00		į.	
CSRH*2412A**	1.02	1.00		į.	
CAR**1814A**	96.0	0.88	58CV(A,X)070-12		
CAR**2414A**	1.01	0.87	58CV(A,X)070-12	•	
CNRH*2417A**	1.01	0.87	58CV(A,X)070-12	į.	
CNRV*1814A**	1.01	0.91	58CV(A,X)070-12	į.	
CNRV*2414A**	1.01	0.87	58CV(A,X)070-12		
CSRH*2412A**	1.02	0.88	58CV(A,X)070-12		
CAR**2417A**	1.01	0.87	58CV(A,X)090-16	į.	
CNRH*2417A**	1.02	0.88	58CV(A,X)090-16	į.	
CNRV*2417A**	1.02	0.88	58CV(A,X)090-16		
CSRH*2412A**	1.02	0.88	58CV(A,X)090-16	·	
CNRH*2417A**	1.01	0.87	58MVB040-14		
CSRH*2412A**	1.02	0.88	58MVB040-14	i	
CAR**2417A**	1.01	0.87	58MVB060-14		
CNRH*2417A**	1.01	0.87	58MVB060-14		
CNRV*2417A**	1.01	0.87	58MVB060-14		

	Cooling Indoor Model	Capacity	Power	Furnace Model
	CSRH*2412A**	1.02	0.88	58MVB060-14
	CNRH*2417A**	1.02	88'0	58MVB080-14
	CSRH*2412A**	1.02	0.88	58MVB080-14
	CAR**2417A**	1.01	28'0	58UVB060-14
	CNRV*2417A**	1.01	28'0	58UVB060-14
_	00 0000 00 00000			

FVAPOR4	EVAPORATOR AIR							Ö	NDENSER E	CONDENSER ENTERING AIR TEMPERATURES deg ° F (°C)	TEMPERATL	IRES deg °F	(၁့)						
5			75 (23.9)			85 (29.4)			95 (35)			105 (40.6)			115 (46.1)			125 (51.7)	
N E M	EWB	Capacity	Capacity MBtuh	Total	Capacity MBtuh	MBtuh	Total	Capacity MBtuh	MBtuh	Total	Capacity MBtuh	MBtuh	Total	Capacity MBtuh	MBtuh	Total	Capacity MBtuh	MBtuh	Total
		Total	Sens	KW	Total	Sens	KW	Total	Sens	System KW	Total	Sens	oystell KW	Total	Sens	oystell KW	Total	Sens	oystell KW
							25HCR	324C Outdo	or Section V	1324C Outdoor Section With FA4CN(F,C)024 Indoor Section	2)024 Indoor	Section							
	72	27.28	14.15	1.66	26.28	13.76	1.86	25.23	13.36	2.07	24.14	12.95	2.31	23.00	12.53	2.57	21.81	12.09	2.85
	29	24.75	17.62	1.66	23.82	17.22	1.85	22.84	16.82	2.06	21.83	16.39	2.30	20.77	15.95	2.55	19.67	15.49	2.83
200	63	22.95	17.00	1.65	22.07	16.60	1.84	21.15	16.18	2.05	20.19	15.75	2.29	19.19	15.30	2.54	18.14	14.83	2.82
	62	22.57	21.07	1.65	21.72	20.64	1.84	20.85	20.18	2.05	19.95	19.68	2.29	19.05	19.05	2.54	18.20	18.20	2.82
	22	22.04	22.04	1.65	21.34	21.34	1.84	20.61	20.61	2.05	19.85	19.85	2.29	19.05	19.05	2.54	18.20	18.20	2.82
	72	27.75	14.81	1.70	26.71	14.42	1.90	25.63	14.02	2.11	24.50	13.61	2.35	23.32	13.18	2.61	22.08	12.73	2.89
	29	25.18	18.74	1.70	24.21	18.33	1.89	23.20	17.92	2.10	22.15	17.48	2.34	21.06	17.03	2.59	19.92	16.56	2.87
800	63	23.34	18.04	1.69	22.43	17.63	1.88	21.48	17.20	2.09	20.49	16.76	2.33	19.46	16.30	2.58	18.38	15.82	2.86
	62	23.06	22.49	1.69	22.21	21.99	1.88	21.36	21.36	2.09	20.56	20.56	2.33	19.71	19.71	2.59	18.82	18.82	2.86
_	22	22.87	22.87	1.69	22.13	22.13	1.88	21.36	21.36	2.09	20.56	20.56	2.33	19.71	19.71	2.59	18.82	18.82	2.86
	72	28.10	15.45	1.74	27.03	15.05	1.93	25.91	14.64	2.15	24.75	14.23	2.39	23.54	13.79	2.64	22.28	13.34	2.93
	29	25.49	19.80	1.73	24.50	19.39	1.92	23.46	18.96	2.14	22.39	18.51	2.37	21.27	18.05	2.63	20.11	17.57	2.91
900	63	23.64	19.02	1.73	22.71	18.61	1.92	21.73	18.17	2.13	20.72	17.72	2.37	19.66	17.25	2.62	18.57	16.75	2.90
	62	23.56	23.56	1.73	22.79	22.79	1.92	21.98	21.98	2.13	21.14	21.14	2.37	20.26	20.26	2.63	19.33	19.33	2.91
	25	23.56	23.56	1.73	22.79	22.79	1.92	21.99	21.99	2.13	21.14	21.14	2.37	20.26	20.26	2.63	19.33	19.33	2.91

Cooling Indoor Model	CNRH*3017A**	CNRV*2417A**	CNRV*3017A**	CSRH*2412A**	CSRH*3012A**	CNRH*2417A**	CNRH*3017A**	CSRH*2412A**	CSRH*3012A**	CNRH*2417A**	CNRH*3017A**	CSRH*2412A**	CSRH*3012A**	CNRH*2417A**	CNRH*3017A**	CSRH*2412A**	CSRH*3012A**	CNRH*2417A**	CNRH*3017A**	CSRH*2412A**	CSRH*3012A**	CAR**2417A**	CAR**3017A**	CNRH*2417A**	CNRH*3017A**	CNRV*2417A**	CNRV*3017A**	CSRH*2412A**	CSRH*3012A**	CNRH*2417A**	CNRH*3017A**	CSRH*2412A**	CSRH*3012A**
	<u> </u>																																
Furnace Model																							58CV(A,X)070-12	58CV(A,X)090-16	58CV(A,X)090-16	58CV(A,X)090-16							
Power	1.00	1.00	0.92	0.93	1.01	1.01	0.89	0.92	0.89	1.01	1.01	1.02	1.02	1.01	1.01	1.02	1.01	1.01	1.02	1.02	0.99	1.00	0.93	0.93	0.93	0.94	0.93	0.94	0.93	0.93	0.93	0.94	0.93
Capacity	1.00	1.02	1.03	1.03	1.01	1.01	1.03	1.02	1.03	1.01	1.01	1.02	1.02	1.01	1.01	1.02	1.01	1.01	1.02	1.02	1.01	1.02	1.01	1.01	1.01	1.02	1.01	1.02	1.01	1.01	1.01	1.02	1.01
Cooling Indoor Model	*FA4CN(F,C)024	FA4CN(F,C)030	FC4DNF024	FC4DNF030	FF1ENE024	FF1ENE030	FK4DN(B,F)003	FK4DNF001	FK4DNF002	CAR**2414A**	CAR**2417A**	CAR**3014A**	CAR**3017A**	CNRF*2418A**	CNRH*2417A**	CNRH*3017A**	CNRV*2414A**	CNRV*2417A**	CNRV*3014A**	CNRV*3017A**	CSRH*2412A**	CSRH*3012A**	CAR**2414A**	CAR**3014A**	CNRH*2417A**	CNRH*3017A**	CNRV*2414A**	CNRV*3014A**	CSRH*2412A**	CSRH*3012A**	CAR**2417A**	CAR**3017A**	CNRH*2417A**

Cooling Indoor Model	Capacity	Power	Furnace Model
CNRH*3017A**	1.02	0.94	58CV(A,X)090-16
CNRV*2417A**	1.01	6.0	58CV(A,X)090-16
CNRV*3017A**	1.02	0.94	58CV(A,X)090-16
CSRH*2412A**	1.01	6.0	58CV(A,X)090-16
CSRH*3012A**	1.02	0.94	58CV(A,X)090-16
CNRH*2417A**	1.01	6.0	58CV(A,X)110-20
CNRH*3017A**	1.02	0.94	58CV(A,X)110-20
CSRH*2412A**	1.01	6.0	58CV(A,X)110-20
CSRH*3012A**	1.02	0.94	58CV(A,X)110-20
CNRH*2417A**	1.01	6.0	58CV(A,X)135-22
CNRH*3017A**	1.02	0.94	58CV(A,X)135-22
CSRH*2412A**	1.01	6.0	58CV(A,X)135-22
CSRH*3012A**	1.02	0.94	58CV(A,X)135-22
CNRH*2417A**	1.01	6.0	58CV(A,X)155-22
CNRH*3017A**	1.02	0.94	58CV(A,X)155-22
CSRH*2412A**	1.01	6.0	58CV(A,X)155-22
CSRH*3012A**	1.02	0.94	58CV(A,X)155-22
CNRH*2417A**	1.01	6.0	58MVB040-14
CNRH*3017A**	1.02	0.94	58MVB040-14
CSRH*2412A**	1.01	6.0	58MVB040-14
CSRH*3012A**	1.02	0.94	58MVB040-14
CAR**2417A**	1.01	6.0	58MVB060-14
CAR**3017A**	1.02	0.94	58MVB060-14
CNRH*2417A**	1.01	0.93	58MVB060-14
CNRH*3017A**	1.02	0.94	58MVB060-14
CNRV*2417A**	1.01	6.0	58MVB060-14
CNRV*3017A**	1.02	0.94	58MVB060-14
CSRH*2412A**	1.01	0.93	58MVB060-14
CSRH*3012A**	1.01	0.93	58MVB060-14
CNRH*2417A**	1.01	0.93	58MVB080-14
CNRH*3017A**	1.02	0.94	58MVB080-14
CSRH*2412A**	1.01	0.93	58MVB080-14

	Cooling Indoor Model	Capacity	Power	Furnace Model
	CNRH*2417A**	1.01	0.93	58MVB080-20
	CNRH*3017A**	1.02	0.94	58MVB080-20
-	CSRH*2412A**	1.01	0.93	58MVB080-20
	CSRH*3012A**	1.02	0.94	58MVB080-20
-	CNRH*2417A**	1.01	0.93	58MVB100-20
-	CNRH*3017A**	1.02	0.94	58MVB100-20
-	CSRH*2412A**	1.01	0.93	58MVB100-20
_	CSRH*3012A**	1.02	0.94	58MVB100-20
-	CNRH*2417A**	1.01	0.95	58MVB120-20
-	CNRH*3017A**	1.02	0.94	58MVB120-20
-	CSRH*2412A**	1.00	0.92	58MVB120-20
_	CSRH*3012A**	1.01	0.93	58MVB120-20
-	CAR**2417A**	1.01	0.93	58UVB060-14
-	CAR**3017A**	1.02	0.94	58UVB060-14
-	CNRV*2417A**	1.01	0.93	58UVB060-14
	CNRV*3017A**	1.02	0.94	58UVB060-14
-	See notes on page 23			

000	alk action with							S	NDENSER E	CONDENSER ENTERING AIR TEMPERATURES deg °F (°C)	TEMPERATU	RES deg °F	(၁)						
EVAPOR	AIOR AIR		75 (23.9)			85 (29.4)			95 (32)			105 (40.6)			115 (46.1)			125 (51.7)	
Z Z	ΕWB	Capacit	Capacity MBtuh	Total	Capacity MBtuh	/ MBtuh	Total	Capacity MBtuh	' MBtuh	Total	Capacity MBtuh	MBtuh	Total	Capacity MBtuh	MBtuh	Total	Capacity MBtuh	, MBtuh	Total
5		Total	Sens	System KW	Total	Sens	KW	Total	Sens	System KW	Total	Sens	oystell KW	Total	Sens	oystell KW	Total	Sens	System KW
							25HC	R330C Oute	door Section	CR330C Outdoor Section With FC4DNF030 Indoor Section	030 Indoor S	ection							
	72	33.71	17.70	2.10	32.43	17.20	2.35	31.12	16.69	2.63	29.78	16.17	2.95	28.37	15.64	3.29	26.90	15.08	3.66
	29	30.73	21.88	2.10	29.54	21.37	2.36	28.32	20.84	2.64	27.07	20.31	2.95	25.76	19.75	3.29	24.38	19.17	3.66
875	63	28.57	21.16	2.11	27.45	20.64	2.36	26.30	20.11	2.64	25.11	19.56	2.95	23.86	18.99	3.29	22.55	18.40	3.65
	62	28.09	26.01	2.11	27.01	25.45	2.36	25.91	24.87	2.64	24.78	24.26	2.95	23.61	23.58	3.29	22.45	22.45	3.65
	22	27.22	27.22	2.11	26.34	26.34	2.36	25.44	25.44	2.64	24.49	24.49	2.95	23.50	23.50	3.29	22.45	22.45	3.65
	72	34.33	18.52	2.12	32.99	18.01	2.38	31.63	17.49	2.66	30.24	16.97	2.97	28.79	16.43	3.32	27.27	15.87	3.69
	67	31.30	23.22	2.13	30.07	22.70	2.38	28.80	22.16	2.67	27.51	21.62	2.98	26.15	21.05	3.32	24.74	20.45	3.69
1000	63	29.11	22.42	2.14	27.95	21.89	2.39	26.76	21.34	2.67	25.53	20.79	2.98	24.25	20.20	3.32	22.90	19.60	3.68
	62	28.72	27.74	2.14	27.62	27.13	2.39	26.51	26.47	2.67	25.39	25.39	2.98	24.33	24.33	3.32	23.23	23.23	3.69
	22	28.26	28.26	2.14	27.34	27.34	2.39	26.38	26.38	2.67	25.39	25.39	2.98	24.34	24.34	3.32	23.23	23.23	3.69
	72	34.80	19.31	2.15	33.43	18.79	2.40	32.03	18.27	2.69	30.60	17.74	3.00	29.11	17.20	3.35	27.55	16.63	3.72
	29	31.75	24.52	2.16	30.48	23.99	2.41	29.17	23.44	2.69	27.85	22.88	3.01	26.46	22.29	3.35	25.02	21.68	3.72
1125	63	29.54	23.63	2.16	28.35	23.09	2.42	27.13	22.54	2.70	25.87	21.96	3.01	24.55	21.37	3.35	23.18	20.74	3.71
	62	29.28	29.25	2.16	28.19	28.19	2.42	27.16	27.16	2.70	26.13	26.13	3.01	25.03	25.03	3.35	23.88	23.88	3.72
	22	29.14	29.14	2.16	28.17	28.17	2.42	27.17	27.17	2.70	26.13	26.13	3.01	25.04	25.04	3.35	23.89	23.89	3.72

Cooling Indoor Model	Capacity	Power	Furnace Model	Cooling Indoor Model	Ö
*FC4DNF030	1.00	1.00		CSRH*3612A**	
FC4DN(F,B)036	1.01	1.01		CNRH*3017A**	
FK4DN(B,F)003	1.00	0.96		CNRH*3617A**	
FK4DNF001	0.99	0.99		CSRH*3012A**	
FK4DNF002	1.00	0.98		CSRH*3612A**	
CAR**3014A**	66.0	0.99	58CV(A,X)070-12	CAR**3017A**	
CAR**3614A**	0.99	0.99	58CV(A,X)070-12	CAR**3617A**	
CNRH*3017A**	0.99	0.99	58CV(A,X)070-12	CNRH*3017A**	
CNRH*3617A**	66.0	0.99	58CV(A,X)070-12	CNRH*3617A**	
CNRV*3014A**	0.99	0.99	58CV(A, X) 070-12	CNRV*3017A**	
CSRH*3012A**	0.99	0.99	58CV(A,X)070-12	CNRV*3617A**	
CSRH*3612A**	1.01	1.00	58CV(A,X)070-12	CSRH*3012A**	
CAR**3017A**	66.0	0.97	58CV(A,X)090-16	CSRH*3612A**	
CAR**3617A**	0.99	0.98	58CV(A,X)090-16	CNRH*3017A**	
CNRH*3017A**	66.0	0.98	58CV(A,X)090-16	CNRH*3617A**	
CNRH*3617A**	66.0	0.98	58CV(A,X)090-16	CNRV*3621A**	
CNRV*3017A**	66.0	0.98	58CV(A,X)090-16	CSRH*3012A**	
CNRV*3617A**	0.99	0.99	58CV(A,X)090-16	CSRH*3612A**	
CSRH*3012A**	0.99	0.98	58CV(A,X)090-16	CAR**3621A**	
CSRH*3612A**	1.01	0.98	58CV(A,X)090-16	CNRH*3017A**	
CAR**3621A**	1.00	0.98	58CV(A,X)110-20	CNRH*3617A**	
CNRH*3017A**	0.99	0.99	58CV(A,X)110-20	CNRV*3621A**	
CNRH*3617A**	0.99	0.98	58CV(A,X)110-20	CSRH*3012A**	
CNRV*3621A**	0.99	0.98	58CV(A,X)110-20	CSRH*3612A**	
CSRH*3012A**	1.00	0.98	58CV(A,X)110-20	CAR**3621A**	
CSRH*3612A**	1.02	0.98	58CV(A,X)110-20	CNRH*3017A**	
CNRH*3017A**	0.99	0.98	58CV(A,X)135-22	CNRH*3617A**	
CNRH*3617A**	0.99	0.98	58CV(A,X)135-22	CNRV*3621A**	
CSRH*3012A**	1.00	0.98	58CV(A,X)135-22	CSRH*3012A**	
CSRH*3612A**	1.02	0.98	58CV(A,X)135-22	CSRH*3612A**	
CNRH*3017A**	0.99	0.98	58CV(A,X)155-22	CNRH*3017A**	
CNRH*3617A**	0.99	0.98	58CV(A,X)155-22	CNRH*3617A**	
CSRH*3012A**	1.00	0.98	58CV(A,X)155-22	CSRH*3012A**	

Cooling Indoor Model	Capacity	Power	Furnace Model
CSRH*3612A**	1.02	0.98	58CV(A,X)155-22
CNRH*3017A**	0.99	0.99	58MVB040-14
CNRH*3617A**	0.99	66'0	58MVB040-14
CSRH*3012A**	0.99	0.99	58MVB040-14
CSRH*3612A**	1.01	1.00	58MVB040-14
CAR**3017A**	0.99	66.0	58MVB060-14
CAR**3617A**	0.99	0.98	58MVB060-14
CNRH*3017A**	0.99	66.0	58MVB060-14
CNRH*3617A**	0.99	66'0	58MVB060-14
CNRV*3017A**	66.0	66'0	58MVB060-14
CNRV*3617A**	0.99	66.0	58MVB060-14
CSRH*3012A**	0.99	66.0	58MVB060-14
CSRH*3612A**	1.01	1.00	58MVB060-14
CNRH*3017A**	66.0	66'0	58MVB080-14
CNRH*3617A**	66.0	66'0	58MVB080-14
CNRV*3621A**	66.0	66'0	58MVB080-14
CSRH*3012A**	0.99	66'0	58MVB080-14
CSRH*3612A**	1.01	1.00	58MVB080-14
CAR**3621A**	0.99	0.98	58MVB080-20
CNRH*3017A**	0.99	66'0	58MVB080-20
CNRH*3617A**	0.99	66.0	58MVB080-20
CNRV*3621A**	0.99	0.99	58MVB080-20
CSRH*3012A**	0.99	66.0	58MVB080-20
CSRH*3612A**	1.01	1.00	58MVB080-20
CAR**3621A**	0.99	0.98	58MVB100-20
CNRH*3017A**	0.99	0.99	58MVB100-20
CNRH*3617A**	0.99	66'0	58MVB100-20
CNRV*3621A**	0.99	0.99	58MVB100-20
CSRH*3012A**	0.99	0.98	58MVB100-20
CSRH*3612A**	1.01	0.98	58MVB100-20
CNRH*3017A**	0.99	0.97	58MVB120-20
CNRH*3617A**	0.99	0.97	58MVB120-20
CSRH*3012A**	66.0	0.98	58MVB120-20

Cooling Indoor Model	Capacity	Power	Furnace Model
CSRH*3612A**	1.01	0.98	58MVB120-20
CAR**3017A**	0.99	0.99	58UVB060-14
CAR**3617A**	66.0	0.98	58UVB060-14
CAR**3621A**	66.0	0.98	58UVB080-20
CAR**3621A**	66.0	0.98	58UVB100-20
CNRV*3017A**	0.99	0.99	58UVB060-14
CNRV*3617A**	0.99	0.99	58UVB060-14
CNRV*3621A**	66.0	0.99	58UVB080-14
CNRV*3621A**	0.99	0.99	58UVB080-20
CNRV*3621A**	66.0	0.99	58UVB100-20
See notes on page 23	3		

		Total	KW		4.19	4.16	4.13	4.13	4.13	4.23	4.20	4.17	4.18	4.18	4.27	4.24	4.21	4.22	4.23
	125 (51.7)	MBtuh	Sens		18.19	23.19	22.23	27.21	27.22	19.15	24.76	23.68	28.14	28.15	20.09	26.25	25.07	28.91	28.92
		Capacity MBtuh	Total		32.48	29.38	27.15	27.21	27.22	32.92	29.80	27.56	28.14	28.15	33.26	30.13	27.89	28.91	28.92
		Total	KW		3.80	3.77	3.75	3.74	3.74	3.84	3.81	3.79	3.79	3.79	3.88	3.85	3.82	3.83	3.83
	115 (46.1)	MBtuh	Sens		18.83	23.87	22.92	28.47	28.45	19.81	25.45	24.39	29.45	29.45	20.75	26.97	25.80	30.27	30.28
		Capacity MBtuh	Total		34.23	31.00	28.68	28.47	28.45	34.73	31.46	29.13	29.45	29.45	35.11	31.83	29.49	30.27	30.28
(၁့)		Total	KW		3.44	3.41	3.39	3.39	3.38	3.48	3.45	3.43	3.43	3.43	3.52	3.49	3.47	3.47	3.47
RES deg °F	105 (40.6)	MBtuh	Sens	Section	19.46	24.52	23.58	29.27	29.63	20.44	26.12	25.07	30.69	30.69	21.39	27.66	26.50	31.57	31.57
TEMPERATU		Capacity MBtuh	Total	3)036 Indoor	35.91	32.55	30.15	29.83	29.63	36.46	90.88	30.64	69'08	69.08	36.89	33.47	31.03	31.57	31.57
CONDENSER ENTERING AIR TEMPERATURES deg °F (°C)		Total	KW	1336C30 Outdoor Section With FC4DN(F,B)036 Indoor Section	3.11	3.08	3.06	3.06	3.06	3.15	3.12	3.10	3.10	3.10	3.18	3.16	3.14	3.14	3.14
NDENSER EN	(32)	MBtuh	Sens	or Section W	20.07	25.14	24.21	30.01	30.75	21.06	26.76	25.72	31.89	31.87	22.01	28.31	27.17	32.80	32.81
CO		Capacity MBtuh	Total	6C30 Outdoo	37.51	34.04	31.55	31.15	30.75	38.12	34.60	32.09	31.89	31.87	38.60	35.05	32.52	32.80	32.81
		Total	KW	25HCR33	2.81	2.78	2.76	2.76	2.76	2.84	2.82	2.80	2.80	2.80	2.88	2.86	2.84	2.84	2.84
	85 (29.4)	/ MBtuh	Sens		20.65	25.75	24.82	30.70	31.82	21.65	27.37	26.34	32.66	33.00	22.61	28.95	27.81	33.98	33.98
		Capacity MBtuh	Total		39.05	35.47	32.90	32.43	31.82	39.72	36.08	33.48	33.18	33.00	40.24	36.57	33.95	33.98	33.98
		Total	KW		2.54	2.51	2.50	2.49	2.49	2.58	2.55	2.54	2.53	2.53	2.61	2.59	2.57	2.57	2.57
	75 (23.9)	/ MBtuh	Sens		21.23	26.34	25.42	31.35	32.84	22.23	27.97	26.95	33.40	34.08	23.20	29.56	28.43	35.14	35.11
		Capacity MBtuh	Total		40.55	36.85	34.20	33.67	32.84	41.27	37.51	34.83	34.43	34.08	41.84	38.04	35.33	35.14	35.11
alv act		awa			72	29	63	62	25	72	29	63	62	22	72	29	63	62	22
AIN ACTABODANA		C C	5				1050					1200					1350		

Cooling Indoor Model	Capacity	Power	Furnace Model	Cooling Indoor Mode
*FC4DN(F,B)036	1.00	1.00		CNRH*3617A**
FC4DN(F,B)042	1.02	1.00		CNRH*4221A**
FK4DNF002	86'0	96.0		CSRH*3612A**
FK4DNF003	66'0	0.95		CSRH*4212A**
CAR**3614A**	96'0	0.95	58CV(A,X)070-12	CAR**3617A**
CNRH*3617A**	0.98	0.98	58CV(A,X)070-12	CNRH*3617A**
CNRH*4221A**	66'0	26.0	58CV(A,X)070-12	CNRH*4221A**
CSRH*3612A**	26.0	0.95	58CV(A,X)070-12	CNRV*3617A**
CSRH*4212A**	66'0	0.97	58CV(A,X)070-12	CSRH*3612A**
CAR**3617A**	86'0	96.0	58CV(A,X)090-16	CSRH*4212A**
CNRH*3617A**	86'0	96.0	58CV(A,X)090-16	CAR**3621A**
CNRH*4221A**	66'0	96.0	58CV(A,X)090-16	CAR**4221A**
CNRV*3617A**	96'0	0.98	58CV(A,X)090-16	CNRH*4221A**
CSRH*3612A**	96.0	0.95	58CV(A,X)090-16	CNRV*4221A**
CSRH*4212A**	66'0	0.95	58CV(A,X)090-16	CSRH*3612A**
CAR**3621A**	0.98	96.0	58CV(A,X)110-20	CSRH*4212A**
CAR**4221A**	66'0	96.0	58CV(A,X)110-20	CAR**3621A**
CNRH*3617A**	86'0	0.98	58CV(A,X)110-20	CAR**4221A**
CNRH*4221A**	1.00	96'0	58CV(A,X)110-20	CNRH*3617A**
CNRV*3621A**	86'0	0.98	58CV(A,X)110-20	CNRH*4221A**
CNRV*4221A**	1.00	96.0	58CV(A,X)110-20	CNRV*3621A**
CSRH*3612A**	86'0	0.95	58CV(A,X)110-20	CNRV*4221A**
CSRH*4212A**	66'0	96'0	58CV(A,X)110-20	CSRH*3612A**
CAR**4224A**	66'0	96.0	58CV(A,X)135-22	CSRH*4212A**
CNRH*3617A**	0.98	0.98	58CV(A,X)135-22	CAR**3621A**
CNRH*4221A**	1.00	96.0	58CV(A,X)135-22	CAR**4221A**
CSRH*3612A**	86'0	0.95	58CV(A,X)135-22	CNRH*3617A**
CSRH*4212A**	66'0	96.0	58CV(A,X)135-22	CNRH*4221A**
CAR**4224A**	0.99	96.0	58CV(A,X)155-22	CNRV*3621A**
CNRH*3617A**	0.98	96.0	58CV(A,X)155-22	CNRV*4221A**
CNRH*4221A**	1.00	96.0	58CV(A,X)155-22	CSRH*3612A**
CSRH*3612A**	0.98	0.95	58CV(A,X)155-22	CSRH*4212A**
CSRH*4212A**	0.99	0.93	58CV(A,X)155-22	CAR**4224A**
CAR**4224A**	66.0	0.99	58MVB040-14	CNRH*3617A**

CNRH*3617A** CNRH*4221A**	0		
CNRH*4221A**	0.97	0.97	58MVB040-14
CSBH*3610A**	0.99	0.97	58MVB040-14
200 1100	26:0	0.95	58MVB040-14
CSRH*4212A**	0.98	96.0	58MVB040-14
CAR**3617A**	0.98	0.98	58MVB060-14
CNRH*3617A**	0.98	0.98	58MVB060-14
CNRH*4221A**	0.99	96.0	58MVB060-14
CNRV*3617A**	0.98	0.98	58MVB060-14
CSRH*3612A**	0.98	96.0	58MVB060-14
CSRH*4212A**	0.99	0.95	58MVB060-14
CAR**3621A**	0.98	0.98	58MVB080-14
CAR**4221A**	96.0	0.98	58MVB080-14
CNRH*4221A**	66.0	0.97	58MVB080-14
CNRV*4221A**	66.0	0.97	58MVB080-14
CSRH*3612A**	76:0	0.97	58MVB080-14
CSRH*4212A**	0.98	96.0	58MVB080-14
CAR**3621A**	96.0	0.98	58MVB080-20
CAR**4221A**	66.0	0.97	58MVB080-20
CNRH*3617A**	86.0	0.98	58MVB080-20
CNRH*4221A**	0.99	0.98	58MVB080-20
CNRV*3621A**	0.98	0.98	58MVB080-20
CNRV*4221A**	0.99	0.98	58MVB080-20
CSRH*3612A**	0.98	96.0	58MVB080-20
CSRH*4212A**	0.99	0.95	58MVB080-20
CAR**3621A**	0.98	0.96	58MVB100-20
CAR**4221A**	0.99	0.97	58MVB100-20
CNRH*3617A**	0.98	0.98	58MVB100-20
CNRH*4221A**	0.99	96.0	58MVB100-20
CNRV*3621A**	0.98	0.98	58MVB100-20
CNRV*4221A**	0.99	0.96	58MVB100-20
CSRH*3612A**	0.98	96.0	58MVB100-20
CSRH*4212A**	0.99	0.95	58MVB100-20
CAR**4224A**	66'0	0.97	58MVB120-20
CNRH*3617A**	0.98	0.98	58MVB120-20

Cooling Indoor Model	Capacity	Power	Furnace Model
CNRH*4221A**	66'0	96.0	58MVB120-20
CSRH*3612A**	86'0	96.0	58MVB120-20
CSRH*4212A**	66'0	0.95	58MVB120-20
CAR**3617A**	86.0	0.98	58UVB060-14
CNRV*3617A**	86.0	0.98	58UVB060-14
CAR**3621A**	0.98	0.98	58UVB080-14
CAR**4221A**	86.0	0.98	58UVB080-14
CNRV*4221A**	66'0	0.97	58UVB080-14
CAR**3621A**	86'0	0.98	58UVB080-20
CAR**4221A**	0.99	0.97	58UVB080-20
CNRV*3621A**	86.0	0.98	58UVB080-20
CNRV*4221A**	66'0	0.98	58UVB080-20
CAR**3621A**	86.0	96.0	58UVB100-20
CAR**4221A**	66.0	0.97	58UVB100-20
CNRV*3621A**	86.0	0.98	58UVB100-20
CNRV*4221A**	66.0	96.0	58UVB100-20
CAR**4224A**	66'0	0.97	58UVB120-20
See notes on page 23			

Total Capacity MBtuh Total System Total Total System Total Total System Total Total System Total Total Total System Total System Total Total System Total Total System Total System Total System Total System Total System	EVAPOR	EVAPORATOR AIR		75 (23.9)			85 (29.4)		CON	DENSER EN 95 (35)	CONDENSER ENTERING AIR TEMPERATURES deg °F (°C) 95 (35) 105 (40.6)	TEMPERAT	URES deg °F 105 (40.6)	(°C)		115 (46.1)			125 (51.7)	
Total Serie Total Serie System Serie System Total Serie System Total Serie System Total Serie System Total Serie System S	i	9	Capacit	y MBtuh	Total	Capacity	MBtuh	Total	Capacity	MBtuh	Total	Capacity	MBtuh	Total	Capacity	·MBtuh	Total	Capacity	MBtuh	Total
72 48.00 25.34 3.05 4.00 2.5.44 4.04 4.04 4.04 22.38 4.50 38.71 4.21 23.14 4.08 4.04	2	EWB	Total	Sens	System	Total	Sens	System	Total	Sens	System KW	Total	Sens	System	Total	Sens	System KW	Total	Sens	System KW
72 48.00 25.34 3.06 46.19 24.62 3.37 44.32 23.88 3.71 42.41 23.14 4.04 20.38 4.50 46.04 40.44 20.38 4.60 36.74 36.74 4.04 36.74 4.60 36.74 26.74 36.74 4.60 36.74 4.60 36.74 36.84 36.74 4.60 36.74 4.60 36.74 4.60 36.74 4.60 36.74 4.60 36.74 4.60 36.74 4.60 36.74 4.60 36.74 4.60 36.74 4.60 36.74 4.60 36.74 4.60 36.74 36.74 36.74 4.01 36.74 4.42 36.70 36.76 36.74 36.74 4.01 36.74 4.60 36.70 36.74 36.74 4.01 36.74 4.42 36.70 36.76 36.74 36.74 36.74 36.74 36.74 36.74 36.74 36.74 36.74 36.74 36.74 36.74 36.74 </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>25HCR3</th> <th>42C Outdoo</th> <th>r Section W</th> <th>ith FC4DN(F,E</th> <th>3)042 Indoo</th> <th>r Section</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>								25HCR3	42C Outdoo	r Section W	ith FC4DN(F,E	3)042 Indoo	r Section							
67 43.74 31.37 30.62 36.64 36.74 36.74 40.44 36.74 40.44 36.74 40.46 36.74 40.44 36.74 40.46 36.74 40.42 36.74 40.85 36.74 40.74 36.74 40.74 36.74 40.74 36.74 40.74 36.74 40.74 36.74 40.74 36.74 40.74 36.74 40.74 36.74 40.74 36.74 40.74 36.74 40.74 36.74 40.74 36.74 40.74 36.74 40.74 36.74 40.74 36.74 40		72	48.00	25.34	3.06	46.19	24.62	3.37	44.32	23.88	3.71	42.41	23.14	4.08	40.44	22.38	4.50	38.42	21.61	4.96
63 40.58 30.29 30.29 30.29 30.29 30.29 30.29 30.29 30.29 30.20 30		67	43.74	31.37	3.03	42.06	30.62	3.33	40.33	29.86	3.67	38.56	29.10	4.04	36.74	28.32	4.46	34.89	27.54	4.91
62 39.86 37.28 3.00 38.32 36.49 3.30 36.77 36.79 36.19 34.82 4.01 33.60 33.91 4.42 32.06 32.06 32.06 57 38.59 38.59 37.36 37.60 36.09 36.09 36.77 34.78 4.00 33.44 33.44 4.42 32.06 32.06 32.06 32.06 32.09 36.09 36.09 36.09 36.77 34.78 40.00 33.44 43.64 43.62 41.00 37.48 41.00 37.49 44.00 37.49 41.00 37.49 41.00 37.49 41.00 37.49 41.00 37.49 41.00 37.49 41.00 37.49 41.00 37.49 41.00 37.49 41.00 37.49 41.00 37.49 41.00 37.49 41.00 37.49 41.00 37.49 41.00 37.49 41.00 37.49 41.00 37.49 41.00 37.49 41.00 37.49 41.00	1225	63	40.58	30.29	3.00	39.00	29.54	3.30	37.38	28.78	3.64	35.72	28.01	4.01	34.03	27.23	4.42	32.30	26.45	4.88
57 38.59 38.59 2.99 37.36 37.36 36.09 36.09 36.09 36.78 34.78 4.00 33.44 43.42 4.42 32.06 32.06 72 48.86 26.50 3.12 45.04 5.03 37.7 43.06 24.28 4.14 41.02 23.51 4.56 38.93 22.73 67 48.86 26.50 3.12 45.04 3.78 37.6 37.8 41.0 37.28 36.1 4.10 41.0 45.5 38.93 22.73 37.8 41.0 37.8 41.0 41.0 37.8 41.0 41.0 37.8 41.0 37.8 41.0 37.8 41.0 41.0 37.8 41.0 37.8 41.0 37.8 41.0 37.8 41.0 37.8 41.0 37.8 41.0 37.8 41.0 37.8 41.0 37.8 41.0 37.8 41.0 37.8 41.0 37.8 41.0 37.8 41.0 37.8<		62	39.85	37.28	3.00	38.32	36.49	3.30	36.76	35.67	3.63	35.19	34.82	4.01	33.60	33.91	4.42	32.06	32.06	4.88
72 48.86 26.50 3.12 46.94 25.77 3.43 45.04 25.03 37.7 43.06 24.28 41.02 23.51 45.50 28.73 27.28 41.02 23.51 45.6 28.93 22.73 28.73 28.73 28.73 28.73 28.73 28.74 28.73 37.76 37.28 41.02 37.28 37.29 38.93 28.73 28.73 28.73 28.73 28.73 28.73 28.73 41.02 37.28 38.93 28.73 28.73 38.94 41.02 37.28 38.93 28.73 38.73 38.73 38.73 38.73 38.73 38.73 38.73 38.73 38.74<		22	38.59	38.59	2.99	37.36	37.36	3.29	36.09	36.09	3.63	34.78	34.78	4.00	33.44	33.44	4.42	32.06	32.06	4.88
67 44.55 33.29 3.09 42.54 3.76 31.76 31.76 30.16 30.16 31.28 30.19 41.20 31.72 30.19 41.20 31.28 30.19 41.20 30.19 41.76 30.19 41.72 30.19 41.20 30.17 30.19 30.17 30.19 30.17 30.17 30.19 30.19 30.57 30.57 30.19 30.19 30.57 30.57 30.10 30.10 30.14 4.48 30.17 30.18 30.17 30.17 30.18 30.17 30.17 30.18 30.10		72	48.86	26.50	3.12	46.97	25.77	3.43	45.04	25.03	3.77	43.06	24.28	4.14	41.02	23.51	4.56	38.93	22.73	5.02
63 41.37 32.11 3.06 39.72 31.34 3.05 3.057 3.07 3.057 3.07 3.07 3.07 4.07 3.07 4.05 28.98 4.46 32.78 28.17 3.17 62 40.75 39.81 3.06 3.07 3.60 36.07 36.07 36.07 36.07 4.07 34.64 4.48 33.17 33.17 31.7 67 40.71 40.71 3.05 38.80 37.45 36.07 36.07 4.07 34.64 34.64 4.48 33.17 33.17 31.7 77 40.71 40.71 3.05 3.48 37.45 36.07 36.07 4.16 37.68 4.48 33.17 31.70 67 40.51 30.51 3.45 3.45 3.54 4.16 37.68 4.16 37.69 31.10 31.10 31.10 31.10 31.10 31.10 31.10 31.10 31.10 31.10 31.10 31.10		29	44.55	33.29	3.09	42.80	32.54	3.39	41.00	31.76	3.73	39.16	30.98	4.10	37.28	30.19	4.52	35.37	29.38	4.97
62 40.75 39.81 3.06 3.86 3.69 3.69 3.60 <th< th=""><th>1400</th><td>63</td><td>41.37</td><td>32.11</td><td>3.06</td><td>39.72</td><td>31.34</td><td>3.36</td><td>38.03</td><td>30.57</td><td>3.70</td><td>36.31</td><td>29.78</td><td>4.07</td><td>34.56</td><td>28.98</td><td>4.48</td><td>32.78</td><td>28.17</td><td>4.94</td></th<>	1400	63	41.37	32.11	3.06	39.72	31.34	3.36	38.03	30.57	3.70	36.31	29.78	4.07	34.56	28.98	4.48	32.78	28.17	4.94
57 40.11 40.11 3.05 38.80 38.45 37.45 37.45 36.07 36.07 4.07 4.04 4.46 4.48 33.17 33.14 </th <th></th> <td>62</td> <td>40.75</td> <td>39.81</td> <td>3.06</td> <td>39.19</td> <td>38.95</td> <td>3.36</td> <td>37.61</td> <td>38.00</td> <td>3.69</td> <td>36.07</td> <td>36.07</td> <td>4.07</td> <td>34.64</td> <td>34.64</td> <td>4.48</td> <td>33.17</td> <td>33.17</td> <td>4.94</td>		62	40.75	39.81	3.06	39.19	38.95	3.36	37.61	38.00	3.69	36.07	36.07	4.07	34.64	34.64	4.48	33.17	33.17	4.94
72 49.50 27.60 3.18 47.56 26.87 3.48 45.7 26.12 3.85 4.55 4.55 4.55 4.55 26.12 4.55 4.55 4.55 4.55 4.55 4.55 4.55 4.55 4.55 4.55 4.55 4.55 4.55 4.55 4.55 4.55 3.57 3.75 4.16 3.77 4.16 3.77 4.16 3.76 3.75 3.77 4.16 3.76 3.75 3.77 4.18 4.19 4.57 3.77 3.71 4.18 4.19 4.57 3.71 4.18 4.19 4.59 4.59 4.59 3.71 4.18 4.19 4.50 4.50 3.72 3.71 3.71 4.13 3.563 4.59 3.409		22	40.11	40.11	3.05	38.80	38.80	3.35	37.45	37.45	3.69	36.07	36.07	4.07	34.64	34.64	4.48	33.17	33.17	4.94
67 45.15 35.12 3.14 43.35 34.57 37.8 39.61 32.77 4.16 37.78 31.35 35.7 37.8 36.71 41.6 37.72 41.6 41.6 37.72 41.6		72	49.50	27.60	3.18	47.56	26.87	3.48	45.57	26.12	3.82	43.54	25.35	4.20	41.44	24.58	4.62	39.29	23.79	5.08
63 41.97 33.83 3.12 40.28 32.26 32.26 37.75 36.76 31.45 41.95 34.97 30.63 4.54 33.14 29.80 62 41.56 41.56 41.99 3.11 40.02 34.25 38.59 37.76 37.12 41.13 41.13 35.63 45.63 45.63 45.97 34.09		29	45.15	35.12	3.14	43.35	34.35	3.45	41.49	33.57	3.78	39.61	32.77	4.16	37.68	31.96	4.57	35.72	31.13	5.03
41.56 41.99 3.11 40.02 36.03 36.59 36.71 37.12 37.12 41.38 41.38 37.12 37.12 41.31 41.38 41.38 41.38 37.13 41.31 41.38 41.39 41.38 37.13 41.31 41.31 41.32 41.32 41.31 41.31 41.32 41.32 41.31 41.32 41.32 41.31 41.32	1575	63	41.97	33.83	3.12	40.28	33.05	3.42	38.53	32.26	3.75	36.76	31.45	4.13	34.97	30.63	4.54	33.14	29.80	5.00
41.38 3.11 40.01 40.01 3.42 38.59 38.59 37.13 37.13 4.13 35.63 35.63 4.55 34.09 34.09		62	41.56	41.99	3.11	40.02	40.02	3.42	38.58	38.58	3.76	37.12	37.12	4.13	35.63	35.63	4.55	34.09	34.09	5.01
		25	41.38	41.38	3.11	40.01	40.01	3.42	38.59	38.59	3.76	37.13	37.13	4.13	35.63	35.63	4.55	34.09	34.09	5.01

Model	Cooling Indoor) Hiosophy	Dower	Firm and Model
ace model	Model	Capacity	- CWC	
	CNRV*4824A**	0.99	0.94	58CV(A,X)155-22
	CSRH*4212A**	1.00	86'0	58CV(A,X)155-22
	CSRH*4812A**	1.00	96'0	58CV(A,X)155-22
	CAR**4224A**	96.0	96'0	58MVB040-14
	CAR**4824A**	96'0	86'0	58MVB040-14
	CNRH*4221A**	96.0	0.98	58MVB040-14
(A,X)070-12	CNRH*4821A**	66.0	66'0	58MVB040-14
(A,X)070-12	CNRV*4824A**	66.0	66'0	58MVB040-14
(A,X)070-12	CSRH*4212A**	66'0	66'0	58MVB040-14
(A,X)070-12	CSRH*4812A**	66'0	66'0	58MVB040-14
(A,X)090-16	CAR**4817A**	66.0	26'0	58UVB060-14
(A,X)090-16	CAR**4221A**	96.0	96'0	58UVB080-14
(A,X)090-16	CAR**4821A**	96.0	96'0	58UVB080-14
(A,X)090-16	CNRV*4221A**	96.0	96.0	58UVB080-14
(A,X)090-16	CNRV*4821A**	66'0	66'0	58UVB080-14
(A,X)110-20	CAR**4221A**	96.0	96'0	58UVB080-20
(A,X)110-20	CAR**4821A**	66'0	66'0	58UVB080-20
(A,X)110-20	CNRV*4221A**	96'0	96.0	58UVB080-20
(A,X)110-20	CNRV*4821A**	0.99	0.97	58UVB080-20
A,X)110-20	CAR**4221A**	96.0	96'0	58UVB100-20
(A,X)110-20	CAR**4821A**	66.0	26'0	58UVB100-20
(A,X)110-20	CNRV*4221A**	96'0	96'0	58UVB100-20
(A,X)110-20	CNRV*4821A**	66'0	26'0	58UVB100-20
(A,X)135-22	CAR**4224A**	96.0	96'0	58UVB120-20
(A,X)135-22	CAR**4824A**	0.99	0.97	58UVB120-20
(A,X)135-22	CNRV*4824A**	0.99	0.97	58UVB120-20
(A,X)135-22	See notes on page 23			
10.00				

Cooling Indoor Model	Capacity	Power	Furnace Model	Coolin
FC4DN(F,B)042	1.00	1.00		CNRV
CSRH*4812A**	1.01	1.03		CSRH
FC4DN(F,B)048	1.02	1.01		CSRH*
FK4DN(B,F)003	0.98	96'0		CAR**
FK4DN(B,F)005	1.01	0.93		CAR**
FK4DNB006	1.02	0.94		CNRH*
CNRH*4221A**	96.0	0.98	58CV(A,X)070-12	CNRH
CNRH*4821A**	66'0	66.0	58CV(A,X)070-12	CNRV*
CSRH*4212A**	66.0	0.99	58CV(A,X)070-12	CSRH*
CSRH*4812A**	66.0	0.99	58CV(A,X)070-12	CSRH*
CAR**4817A**	1.00	0.98	58CV(A,X)090-16	CAR**
CNRH*4221A**	0.98	0.98	58CV(A,X)090-16	CAR**
CNRH*4821A**	66.0	0.97	58CV(A,X)090-16	CAR**
CSRH*4212A**	66.0	0.97	58CV(A,X)090-16	CNRV*
CSRH*4812A**	1.00	86'0	58CV(A,X)090-16	CNRV*
CAR**4221A**	0.98	96.0	58CV(A,X)110-20	CAR**
CAR**4821A**	66'0	26'0	58CV(A,X)110-20	CAR**
CNRH*4221A**	0.98	86'0	58CV(A,X)110-20	CNRV*
CNRH*4821A**	0.99	26'0	58CV(A,X)110-20	CNRV*
CNRV*4221A**	0.98	86'0	58CV(A,X)110-20	CAR**
CNRV*4821A**	66'0	26'0	58CV(A,X)110-20	CAR**
CSRH*4212A**	1.00	86'0	58CV(A,X)110-20	CNRV*
CSRH*4812A**	1.00	86'0	58CV(A,X)110-20	CNRV*
CAR**4224A**	0.98	96'0	58CV(A,X)135-22	CAR**
CAR**4824A**	0.99	26.0	58CV(A,X)135-22	CAR**
CNRH*4221A**	0.98	96'0	58CV(A,X)135-22	CNRV*
CNRH*4821A**	66'0	26'0	58CV(A,X)135-22	See notes
CNRV*4824A**	66.0	26.0	58CV(A,X)135-22	
CSRH*4212A**	1.00	86'0	58CV(A,X)135-22	
CSRH*4812A**	1.00	0.98	58CV(A,X)135-22	
CAR**4224A**	0.98	96'0	58CV(A,X)155-22	
CAR**4824A**	0.99	26'0	58CV(A,X)155-22	
CNRH*4221A**	0.98	96.0	58CV(A,X)155-22	
CNRH*4821A**	66.0	0.94	58CV(A,X)155-22	

alv activactiva		CEM	Ē				1400					1600					1800		
914 90		EWB			72	29	63	62	22	72	29	63	62	22	72	29	63	62	25
		Capacity MBtuh	Total		56.21	50.95	47.21	46.37	44.92	57.34	51.97	48.15	47.44	46.73	58.21	52.75	48.88	48.48	48.26
	75 (23.9)	MBtuh	Sens		28.99	35.73	34.48	42.45	44.92	30.38	37.99	36.59	45.41	46.73	31.70	40.15	38.60	47.87	48.26
		Total	System KW		3.38	3.35	3.32	3.32	3.31	3.44	3.41	3.38	3.38	3.38	3.50	3.47	3.44	3.44	3.44
		Capacity MBtuh	Total		54.21	49.09	45.45	44.67	43.55	55.26	50.03	46.33	45.72	45.28	56.06	50.75	47.00	46.75	46.74
	85 (29.4)	/ MBtuh	Sens		28.21	34.93	33.67	41.60	43.55	29.59	37.17	35.77	44.48	45.28	30.90	39.31	37.76	46.75	46.74
		Total	KW	25HCR3	3.75	3.72	3.70	3.69	3.69	3.82	3.78	3.76	3.76	3.75	3.88	3.84	3.82	3.82	3.82
CO		Capacity MBtuh	Total	R348C30 Outdoor Section	52.11	47.13	43.61	42.90	42.11	80.63	48.00	44.42	43.94	43.76	53.81	48.66	45.04	45.14	45.14
NDENSER EP	95 (35)	MBtuh	Sens	oor Section	27.40	34.09	32.83	40.70	42.11	28.77	36.32	34.91	43.45	43.76	30.07	38.45	36.88	45.14	45.14
CONDENSER ENTERING AIR TEMPERATURES deg °F (°C)		Total	System KW	With FC4DN(F,B)048 Indoor Section	4.17	4.14	4.11	4.11	4.10	4.24	4.20	4.17	4.17	4.17	4.30	4.26	4.23	4.24	4.24
TEMPERATL		Capacity MBtuh	Total	F,B)048 Indoo	49.91	45.09	41.68	41.06	40.59	50.79	45.88	42.42	42.15	42.15	51.45	46.48	42.99	43.46	43.46
JRES deg °F	105 (40.6)	' MBtuh	Sens	r Section	26.56	33.23	31.95	39.73	40.59	27.92	35.44	34.01	42.15	42.15	29.21	37.55	35.97	43.46	43.46
(၁)		Total	KW		4.64	4.60	4.57	4.56	4.56	4.70	4.66	4.63	4.63	4.63	4.76	4.72	4.69	4.70	4.70
		Capacity MBtuh	Total		47.60	42.95	39.65	39.16	38.98	48.39	43.66	40.32	40.45	40.46	48.99	44.21	40.84	41.69	41.69
	115 (46.1)	MBtuh	Sens		25.69	32.33	31.04	38.67	38.98	27.04	34.52	33.08	40.45	40.46	28.32	36.61	35.01	41.69	41.69
		Total	oystell KW		5.14	5.10	5.06	5.06	5.06	5.21	5.16	5.12	5.13	5.13	5.27	5.22	5.19	5.20	5.20
		Capacity MBtuh	Total		45.17	40.70	37.52	37.28	37.28	45.88	41.34	38.13	38.66	38.67	46.41	41.83	38.60	39.82	39.82
	125 (51.7)	MBtuh	Sens		24.78	31.39	30.09	37.28	37.28	26.12	33.56	32.11	38.66	38.67	27.39	35.62	34.01	39.82	39.82
		Total	System KW		5.69	5.64	5.59	5.59	5.59	5.76	5.70	5.66	5.67	2.67	5.82	5.77	5.72	5.74	5.74

Model	Cooling Indoor Model	Capa- city	Power	Furnace Model
	CNRH*4821A**	96'0	96'0	58MVB080-20
	CNRH*6024A**	86'0	96.0	58MVB080-20
	CNRV*4821A**	96'0	96'0	58MVB080-20
	CSRH*4812A**	96'0	96.0	58MVB080-20
090-16	CSRH*6012A**	96'0	0.94	58MVB080-20
090-16	CAR**4821A**	96'0	96'0	58MVB100-20
090-16	CAR**6021A**	66'0	0.95	58MVB100-20
090-16	CNRH*4821A**	96.0	0.94	58MVB100-20
090-16	CNRH*6024A**	86.0	0.94	58MVB100-20
)110-20	CNRV*4821A**	96'0	0.94	58MVB100-20
)110-20	CSRH*4812A**	96'0	0.94	58MVB100-20
)110-20	CSRH*6012A**	96.0	0.94	58MVB100-20
)110-20	CAR**4824A**	96'0	0.94	58MVB120-20
)110-20	CAR**6024A**	96.0	0.94	58MVB120-20
)110-20	CNRH*4821A**	96'0	0.94	58MVB120-20
)110-20	CNRH*6024A**	86'0	0.94	58MVB120-20
)135-22	CNRV*4824A**	96'0	0.94	58MVB120-20
)135-22	CNRV*6024A**	86'0	0.94	58MVB120-20
135-22	CSRH*4812A**	96.0	0.94	58MVB120-20
135-22	CSRH*6012A**	96.0	0.94	58MVB120-20
)135-22	CAR**4821A**	96'0	96'0	58UVB080-20
)135-22	CAR**6021A**	86'0	96'0	58UVB080-20
)135-22	CNRV*4821A**	96.0	96.0	58UVB080-20
135-22	CAR**4821A**	96.0	96.0	58UVB100-20
)155-22	CAR**6021A**	66'0	0.95	58UVB100-20
155-22	CNRV*4821A**	96'0	0.94	58UVB100-20
)155-22	CAR**4824A**	96'0	0.94	58UVB120-20
)155-22	CAR**6024A**	86.0	0.94	58UVB120-20
)155-22	CNRV*4824A**	96'0	0.94	58UVB120-20
)155-22	CNRV*6024A**	86'0	0.94	58UVB120-20
	000000000000000000000000000000000000000	cc		

000	alk activación (Ő	NDENSER E	CONDENSER ENTERING AIR TEMPERATURES deg °F (°C)	TEMPERAT	IRES deg °F	(0,0						
EVA Dray	חוא חטוא		75 (23.9)			85 (29.4)			95 (32)			105 (40.6)			115 (46.1)			125 (51.7)	
Z I	awa	Capacity MBtuh	/ MBtuh	Total Sys-	Capacity	Capacity MBtuh	Total	Capacity MBtuh	' MBtuh	Total	Capacity MBtuh	MBtuh	Total	Capacity MBtuh	MBtuh	Total	Capacity MBtuh	MBtuh	Total
5		Total	Sens	tem KW	Total	Sens	KW	Total	Sens	KW	Total	Sens	KW	Total	Sens	KW	Total	Sens	KW
							25HCR3	60C30 Outd	60C30 Outdoor Section	With FC4DN((F,B)060 Indoor Section	r Section							
	72	80.69	35.57	4.41	66.46	34.55	4.82	63.76	33.51	5.28	86'09	32.46	5.79	28.07	31.36	6.35	55.03	30.23	6.95
	29	63.00	44.16	4.34	60.58	43.11	4.75	58.07	42.04	5.21	55.49	40.95	5.72	52.81	39.83	6.27	20.00	38.66	6.87
1750	63	28.60	42.72	4.29	56.33	41.68	4.71	00.00	0.00	0.00	51.56	39.50	5.67	49.03	38.37	6.21	46.39	37.19	6.81
	62	57.53	52.69	4.28	55.33	51.59	4.70	53.07	50.45	5.15	92'09	49.24	5.66	48.37	47.91	6.21	46.07	46.07	6.80
	25	55.75	55.75	4.27	53.98	53.98	4.68	52.14	52.14	5.14	50.22	50.22	5.65	48.20	48.20	6.20	46.08	46.08	6.80
	72	70.29	37.22	4.50	67.57	36.18	4.92	64.76	35.13	5.38	61.88	34.07	5.89	98'89	32.96	6.44	55.72	31.81	7.05
	29	64.12	46.90	4.44	61.60	45.84	4.85	29.00	44.75	5.31	56.33	43.65	5.82	53.55	42.49	6.37	50.65	41.30	6.97
2000	63	59.68	45.29	4.39	57.32	44.23	4.80	54.88	43.13	5.26	52.36	42.01	5.76	49.74	40.85	6.31	47.02	39.64	6.90
	62	58.77	56.33	4.38	56.52	55.12	4.79	54.24	53.79	5.25	52.03	52.03	5.76	49.89	49.89	6.31	47.64	47.64	6.92
	22	57.93	57.93	4.37	56.04	56.04	4.79	54.08	54.08	5.25	52.04	52.04	5.76	49.89	49.89	6.31	47.64	47.64	6.92
	72	71.19	38.78	4.60	68.38	37.73	5.01	65.49	36.67	5.47	62.53	35.60	5.98	59.43	34.48	6.54	56.21	33.32	7.14
	29	64.95	49.52	4.53	62.36	48.43	4.94	59.68	47.33	5.40	56.94	46.20	5.91	54.09	45.03	6.46	51.12	43.81	7.06
2250	63	60.49	47.73	4.48	58.05	46.64	4.89	55.54	45.53	5.35	52.95	44.38	5.85	50.27	43.20	6.40	47.49	41.96	7.00
	62	59.88	59.44	4.48	57.72	57.72	4.89	99:55	99.55	5.35	53.51	53.51	5.86	51.27	51.27	6.42	48.91	48.91	7.02
	22	59.72	59.72	4.48	57.73	57.73	4.89	55.66	55.66	5.35	53.52	53.52	5.86	51.28	51.28	6.42	48.91	48.91	7.02

Cooling Indoor Model	Capacity	Power	Furnace Model
*FC4DN(F,B)060	1.00	1.00	
FK4DNB006	66'0	0.97	
CSRH*6012A**	26.0	0.97	58CV(A,X)135-22
CAR**6024A**	0.98	0.98	58CV(A,X)155-22
CNRH*6024A**	26.0	0.97	58CV(A,X)155-22
CNRV*6024A**	26.0	0.97	58CV(A,X)155-22
CSRH*6012A**	96.0	0.97	58CV(A,X)155-22

NOTE: When the required data falls between the published data, interpolation may be performed. Extrapolation is not an acceptable practice.

* Detailed cooling capacities are based on indoor and outdoor unit at the same elevation per ARI standard 210/240-94. If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

† Total and sensible capacities are net capacities. Blower motor heat has been subtracted.

‡ Sensible capacities shown are based on 80°F (27°C) entering air at the indoor coll. For sensible capacities at other than 80°F (27°C), deduct 835 Btuh (245 kW) per 1000 CFM (480 L/S) of indoor coll air for each degree below 80°F (27°C), or add 835 Btuh (245 kW) per 1000 CFM (480 L/S) of indoor coll air per degree above 80°F (27°C).

** System kw is total of indoor and outdoor unit kilowatts.

†† At TVA rating indoor condition (75° F edb/63° F ewb). All other indoor air temperatures are at 80° F edb. EWB — Entering Wet Bulb

HEAT PUMP HEATING PERFORMANCE

icanig mass model	Capacity	Power	Furnace Model
*FA4CN(F,C)018	1.00	1.00	
FA4CN(F,C)024	96.0	66.0	
FC4DNF018	0.98	0.92	
FC4DNF024	0.93	0.89	
FF1ENE018	1.00	1.00	
FF1ENE024	0.95	96.0	
FK4DNF001	0.91	0.88	
FK4DNF002	0.91	0.85	
CAR**2414A**	96.0	96.0	
CAR**2417A**	96.0	96.0	
CNRF*2418A**	76.0	0.95	
CNRH*2417A**	76.0	0.95	
CNRV*1814A**	0.99	76.0	
CNRV*2414A**	76.0	0.95	
CNRV*2417A**	76.0	0.95	
CSRH*2412A**	0.89	0.91	
CAR**1814A**	76.0	76.0	58CV(A,X)070-12
CAR**2414A**	0.95	0.91	58CV(A,X)070-12
CNRH*2417A**	76.0	06.0	58CV(A,X)070-12
CNRV*1814A**	0.98	0.93	58CV(A,X)070-12
CNRV*2414A**	76.0	06.0	58CV(A,X)070-12
CSRH*2412A**	0.94	68.0	58CV(A,X)070-12
CAR**2417A**	0.95	06.0	58CV(A,X)090-16
CNRH*2417A**	0.97	0.89	58CV(A,X)090-16
CNRV*2417A**	0.97	68.0	58CV(A,X)090-16
CSRH*2412A**	0.93	0.88	58CV(A,X)090-16
CNRH*2417A**	76.0	06.0	58MVB040-14
CSRH*2412A**	0.93	0.89	58MVB040-14
CAR**2417A**	0.95	0.91	58MVB060-14
CNRH*2417A**	76.0	06:0	58MVB060-14
CNRV*2417A**	76.0	06.0	58MVB060-14
CSRH*2412A**	0.93	0.89	58MVB060-14
CNRH*2417A**	76.0	06.0	58MVB080-14
CSRH*2412A**	0.93	0.89	58MVB080-14
CAR**2417A**	0.95	0.91	58UVB060-14
CNB//*2/17/4**	26.0	06.0	58UVB060-14

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		Total Sys-	tem KW†		2.23	2.16	2.12	2.35	2.28	2.23	2.47	5.39	2.35
	67 (19.4)	MBtuh	Integ*		31.25	30.88	30.39	31.11	30.88	30.52	30.95	30.82	30.56
		Capacity MBtu	Total		31.25	30.88	30.39	31.11	30.88	30.52	30.95	30.82	30.56
		Total Sys-	KW.		2.10	2.04	2.02	2.21	2.15	2.12	2.34	2.26	2.23
	57 (13.9)	' MBtuh	Integ*		27.61	27.53	27.30	27.42	27.46	27.33	27.20	27.32	27.30
		Capacity MBtu	Total		27.61	27.53	27.30	27.42	27.46	27.33	27.20	27.32	27.30
		Total Sys-	tem KW†		1.98	1.96	1.93	2.08	2.05	2.04	2.17	2.15	2.14
	47 (8.3)	y MBtuh	Integ*		23.99	24.32	24.46	23.67	24.00	24.25	23.36	23.68	23.95
		Capacity MBtu	Total		23.99	24.32	24.46	23.67	24.00	24.25	23.36	23.68	23.95
°F (°С)		Total Sys-	tem KW†	_	1.86	1.84	1.84	1.95	1.93	1.93	2.04	2.03	2.02
OUTDOOR COIL ENTERING AIR TEMPERATURES °F (°C)	37 (2.8)	y MBtuh	Integ*	FA4CN(F,C)024 Indoor Section	18.61	18.87	19.08	18.36	18.61	18.83	18.07	18.35	18.57
AIR TEMPE		Capacity MBtu	Total	;C)024 Ind	20.46	20.73	20.97	20.17	20.45	20.69	19.86	20.17	20.40
NTERING		Total Sys-	tem KW†	th FA4CN(F	1.76	0.00	1.76	1.84	1.84	1.84	1.93	1.92	1.93
OR COIL E	27 (-2.8)	Capacity MBtuh	Integ*	Section Wil	15.32	00.0	15.73	15.09	15.30	15.49	14.85	15.06	15.26
OUTDO		Capacit	Total	ICR324C Outdoor Section With	17.25	0.00	17.71	16.99	17.23	17.45	16.72	16.96	17.18
		Total Sys-	tem KW†	25HCR324	1.68	0.00	1.69	1.76	1.76	1.77	1.84	1.85	1.86
	17 (-8.3)	Capacity MBtuh	Integ*		13.10	0.00	13.47	12.89	13.07	13.24	12.67	12.86	13.03
		Capacit	Total		14.36	0.00	14.77	14.13	14.34	14.52	13.90	14.11	14.29
		Total Sys-	tem KW†		1.61	0.00	1.64	1.69	1.70	1.72	1.76	1.78	1.80
	7 (-13.9)	Capacity MBtuh	Integ*		10.85	0.00	11.18	10.63	10.81	10.97	10.39	10.57	10.74
		Capacit	Total		11.81	0.00	12.17	11.57	11.76	11.93	11.31	11.51	11.68
	_	Total Sys-	tem KW†		1.55	1.57	1.59	1.61	1.63	1.66	1.68	1.70	1.73
	-3 (-19.4)	Capacity MBtuh	Integ*		8.68	8.85	9.00	8.43	8.60	8.75	8.16	8.33	8.49
		Capacit	Total		9.44	9.61	9.78	9.17	9.35	9.51	8.87	90'6	9.22
alv accoun		2	5		200	800	006	200	800	006	200	800	006
, CON		6	3			99			2			75	
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Model	Heating Indoor Model	Capacity	Power	Furnace Model	Heating Indoor Model
	CSRH*2412A**	66.0	0.94	58CV(A,X)110-20	CNRV*2417A**
	CSRH*3012A**	0.98	0.93	58CV(A,X)110-20	CNRV*3017A**
	CNRH*2417A**	66.0	0.94	58CV(A,X)135-22	See notes on page 30
	CNRH*3017A**	0.98	0.93	58CV(A,X)135-22	
	CSRH*2412A**	66.0	0.94	58CV(A,X)135-22	
	CSRH*3012A**	96.0	66.0	58CV(A,X)135-22	

Furnace Model 58UVB060-14 58UVB060-14

Power 0.94 0.93

lel	Capacity	Power	Furnace Model	Heating Indoor Model	Capacity
	66.0	0.94	58CV(A,X)110-20	CNRV*2417A**	66:0
	96.0	0.93	58CV(A,X)110-20	CNRV*3017A**	96.0
	66.0	0.94	58CV(A,X)135-22	See notes on page 30	
	86.0	0.93	58CV(A,X)135-22		
	66.0	0.94	58CV(A,X)135-22		
	86.0	0.93	58CV(A,X)135-22		
	66.0	6:0	58CV(A,X)155-22		
	86.0	0.93	58CV(A,X)155-22		
	66.0	0.94	58CV(A,X)155-22		
	86.0	6:0	58CV(A,X)155-22		
	66.0	0.94	58MVB040-14		
	96.0	0.93	58MVB040-14		
	1.00	96.0	58MVB040-14		
	96.0	0.93	58MVB040-14		
	66.0	0.95	58MVB060-14		
	0.98	0.94	58MVB060-14		
	66.0	0.94	58MVB060-14		
	86.0	6:0	58MVB060-14		
	66'0	0.94	58MVB060-14		
	86.0	0.93	58MVB060-14		
	66.0	0.94	58MVB060-14		
	86.0	0.93	58MVB060-14		
	66.0	0.94	58MVB080-14		
	86.0	0.93	58MVB080-14		
	66.0	0.94	58MVB080-14		
	86.0	0.93	58MVB080-14		
	66.0	0.94	58MVB080-20		
	86.0	6:0	58MVB080-20		
	66.0	0.94	58MVB080-20		
	86.0	0.93	58MVB080-20		
	0.99	0.93	58MVB100-20		
	86.0	0.93	58MVB100-20		
	0.99	0.93	58MVB100-20		
	0.98	0.93	58MVB100-20		
	66.0	96.0	58MVB120-20		
	0.98	0.94	58MVB120-20		
	0.99	0.95	58MVB120-20		
	0.98	0.94	58MVB120-20		
	0.99	0.95	58UVB060-14		
	0.98	0.94	58UVB060-14		

	Heating Indoor Model	Capacity	Power	Furnace Model	Heating Indoor Model	lodel
	*FA4CN(F,C)024	1.00	1.00		CSRH*2412A**	*
	FA4CN(F,C)030	1.00	86'0		CSRH*3012A**	*
	FC4DNF024	1.00	0.95		CNRH*2417A**	*
	FC4DNF030	1.00	0.93		CNRH*3017A**	*
	FF1ENE024	1.00	1.00		CSRH*2412A**	*
	FF1ENE030	1.00	1.00		CSRH*3012A**	*
	FK4DN(B,F)003	0.98	0.91		CNRH*2417A**	*
	FK4DNF001	0.99	96.0		CNRH*3017A**	**
	FK4DNF002	0.99	0.92		CSRH*2412A**	**
	CAR**2414A**	1.00	86'0		CSRH*3012A**	**
	CAR**2417A**	1.00	86'0		CNRH*2417A**	*
	CAR**3014A**	1.00	66'0		CNRH*3017A**	**
	CAR**3017A**	1.00	66.0		CSRH*2412A**	**
	CNRF*2418A**	1.00	96'0		CSRH*3012A**	**
	CNRH*2417A**	1.00	96'0		CAR**2417A**	*
_	CNRH*3017A**	1.00	66'0		CAR**3017A**	*
	CNRV*2414A**	1.00	96'0		CNRH*2417A**	*
	CNRV*2417A**	1.00	96'0		CNRH*3017A**	*
	CNRV*3014A**	1.00	66'0		CNRV*2417A**	*
	CNRV*3017A**	1.00	66'0		CNRV*3017A**	*
	CSRH*2412A**	1.00	96.0		CSRH*2412A**	**
	CSRH*3012A**	1.00	66'0		CSRH*3012A**	**
	CAR**2414A**	0.99	96.0	58CV(A,X)070-12	CNRH*2417A**	*
	CAR**3014A**	0.98	0.94	58CV(A,X)070-12	CNRH*3017A**	**
	CNRH*2417A**	0.99	0.94	58CV(A,X)070-12	CSRH*2412A**	**
	CNRH*3017A**	0.98	0.94	58CV(A,X)070-12	CSRH*3012A**	**
	CNRV*2414A**	0.99	0.94	58CV(A,X)070-12	CNRH*2417A**	**
	CNRV*3014A**	0.98	0.94	58CV(A,X)070-12	CNRH*3017A**	**
	CSRH*2412A**	0.99	0.94	58CV(A,X)070-12	CSRH*2412A**	**
	CSRH*3012A**	0.98	0.94	58CV(A,X)070-12	CSRH*3012A**	*
	CAR**2417A**	0.98	0.94	58CV(A,X)090-16	CNRH*2417A**	*
	CAR**3017A**	0.98	0.93	58CV(A,X)090-16	CNRH*3017A**	**
	CNRH*2417A**	0.99	0.93	58CV(A,X)090-16	CSRH*2412A**	*
	CNRH*3017A**	0.98	0.93	58CV(A,X)090-16	CSRH*3012A**	**
	CNRV*2417A**	0.99	0.93	58CV(A,X)090-16	CNRH*2417A**	*
	CNRV*3017A**	0.98	0.93	58CV(A,X)090-16	CNRH*3017A**	*
	CSRH*2412A**	0.99	0.93	58CV(A,X)090-16	CSRH*2412A**	*
	CSRH*3012A**	0.98	0.93	58CV(A,X)090-16	CSRH*3012A**	*
	CNRH*2417A**	0.99	0.94	58CV(A,X)110-20	CAR**2417A**	*
	CNRH*3017A**	0.98	0.93	58CV(A,X)110-20	CAR**3017A**	*

		Total Sys-	tem KW†		2.68	2.57	2.45	2.83	2.72	2.62	2.98	2.87	2.79
	67 (19.4)	/ MBtuh	*Betul		35.99	34.95	32.77	36.08	8E'SE	33.95	36.10	85.58	34.90
		Capacity MBtu	Total		35.99	34.95	32.77	36.08	35.38	33.95	36.10	85.58	34.90
		Total Sys-	tem KW†		2.55	2.47	2.42	5.68	5.60	5:22	282	5.74	5.69
	57 (13.9)	/ MBtuh	*Betul		32.46	32.01	31.50	32.44	32.09	31.69	32.36	32.11	31.80
		Capacity MBtu	Total		32.46	32.01	31.50	32.44	32.09	31.69	35.36	32.11	31.80
		Total Sys-	KW†		2.43	2.37	2.33	2.56	2.49	2.46	2.70	2.63	2.58
	47 (8.3)	y MBtuh	Integ*		29.01	28.78	28.53	28.92	28.80	28.60	28.90	28.76	28.63
		Capacity MBtu	Total		29.01	28.78	28.53	28.92	28.80	28.60	28.90	28.76	28.63
°F (°С)		Total Sys-	tem KW†		2.35	2.29	2.26	2.46	2.42	2.38	2.58	2.54	2.51
OUTDOOR COIL ENTERING AIR TEMPERATURES °F (°C)	37 (2.8)	y MBtuh	Integ*	or Section	23.16	23.36	23.36	22.85	23.10	23.27	22.55	22.80	23.00
AIR TEMPE		Capacity MBtu	Total	With FC4DNF030 Indoor Section	25.45	25.67	25.67	25.11	25.39	25.57	24.78	25.05	25.28
NTERING,		Total Sys-	tem KW†	Vith FC4DN	2.25	2.20	2.18	2.32	2.30	2.29	2.43	2.41	2.39
OR COIL E	27 (-2.8)	/ MBtuh	Integ*	r Section W	19.12	19.33	19.51	18.84	19.06	19.24	18.55	18.77	18.95
оптро		Capacity MBtul	Total	25HCR330C Outdoor Section	21.53	21.77	21.97	21.21	21.46	21.66	20.89	21.13	21.34
		Total Sys-	tem KW†	25HCR33	2.12	2.10	2.10	2.22	2.21	2.20	2.33	2.31	2.31
	17 (-8.3)	Capacity MBtuh	Integ*		16.41	16.60	16.77	16.15	16.33	16.49	15.89	16.08	16.23
		Capacit	Total		18.00	18.21	18.39	17.71	17.91	18.09	17.43	17.63	17.81
		Total Sys-	tem KW†		2.04	2.04	2.04	2.14	2.13	2.13	2.23	2.23	2.23
	7 (-13.9)	Capacity MBtuh	Integ*		13.62	13.79	13.93	13.36	13.53	13.67	13.08	13.25	13.40
		Capacit	Total		14.83	15.00	15.16	14.54	14.72	14.88	14.23	14.42	14.58
		Total Sys-	tem KW†		1.96	1.97	1.98	2.05	2.05	2.07	2.13	2.14	2.15
	-3 (-19.4)	y MBtuh	Integ*		10.94	11.09	11.23	10.63	10.79	10.93	10.30	10.47	10.61
		Capacity MBtuh	Total		11.89	12.06	12.21	11.56	11.73	11.88	11.20	11.38	11.53
alv accoun		CEM	5		875	1000	1125	875	1000	1125	875	1000	1125
JOHN		9	3			92			20			75	

Heating Indoor	CAR**3617A**	CNRH*3017A**	CNRH*3617A**	CNRV*3017A**	CNRV*3617A**	CSRH*3012A**	CSRH*3612A**	CNRH*3017A**	CNRH*3617A**	CNRV*3621A**	CSRH*3012A**	CSRH*3612A**	CAR**3621A**	CNRH*3017A**	CNRH*3617A**	CNRV*3621A**	CSRH*3012A**	CSRH*3612A**	CAR**3621A**	CNRH*3017A**	CNRH*3617A**	CNRV*3621A**	CSRH*3012A**	CSRH*3612A**	CNRH*3017A**	CNRH*3617A**	CSRH*3012A**	CSRH*3612A**	CAR**3017A**	CAR**3617A**	CAR**3621A**	CAR**3621A**	CNRV*3017A**	CNRV*3617A**	CNRV*3621A**	CNRV*3621A**	CNRV*3621A**	See notes on page 3
Furnace Model						58CV(A,X)070-12	58CV(A,X)090-16	58CV(A,X)110-20	58CV(A,X)110-20	58CV(A,X)110-20	58CV(A,X)110-20	58CV(A,X)110-20	58CV(A,X)110-20	58CV(A,X)135-22	58CV(A,X)135-22	58CV(A,X)135-22	58CV(A,X)135-22	58CV(A,X)155-22	58CV(A,X)155-22	58CV(A,X)155-22	58CV(A,X)155-22	58MVB040-14	58MVB040-14	58MVB040-14	58MVB040-14													
Power	1.00	1.00	76:0	1.02	0.98	1.01	1.00	1.01	1.01	1.01	1.00	96.0	0.99	96:0	0.99	0.99	0.99	0.99	0.99	96.0	0.98	0.99	66.0	0.99	0.99	0.95	0.99	0.99	0.99	0.95	66.0	66.0	0.99	0.95	1.01	1.01	1.00	0.97
Capacity	1.00	76.0	26.0	1.00	1.00	0.99	0.98	0.99	0.99	0.99	0.98	96:0	0.98	76:0	0.98	0.98	0.98	0.98	0.98	96:0	76:0	0.98	0.98	0.98	0.98	0.95	0.98	0.98	0.98	0.95	0.98	0.98	0.98	0.95	66.0	0.99	0.98	0.96
Heating Indoor Model	*FC4DNF030	FC4DN(F,B)036	FK4DN(B,F)003	FK4DNF001	FK4DNF002	CAR**3014A**	CAR**3614A**	CNRH*3017A**	CNRH*3617A**	CNRV*3014A**	CSRH*3012A**	CSRH*3612A**	CAR**3017A**	CAR**3617A**	CNRH*3017A**	CNRH*3617A**	CNRV*3017A**	CNRV*3617A**	CSRH*3012A**	CSRH*3612A**	CAR**3621A**	CNRH*3017A**	CNRH*3617A**	CNRV*3621A**	CSRH*3012A**	CSRH*3612A**	CNRH*3017A**	CNRH*3617A**	CSRH*3012A**	CSRH*3612A**	CNRH*3017A**	CNRH*3617A**	CSRH*3012A**	CSRH*3612A**	CNRH*3017A**	CNRH*3617A**	CSRH*3012A**	CSRH*3612A**

CAR**3617A** CNRH*3017A**	0.98	1.00	58MVB060-14
CNRH*3017A**			
	66.0	1.01	58MVB060-14
CNRH*3617A**	66.0	1.01	58MVB060-14
CNRV*3017A**	0.99	1.01	58MVB060-14
CNRV*3617A**	0.99	1.01	58MVB060-14
CSRH*3012A**	0.98	1.00	58MVB060-14
CSRH*3612A**	96.0	96.0	58MVB060-14
CNRH*3017A**	0.99	1.00	58MVB080-14
CNRH*3617A**	66.0	1.00	58MVB080-14
CNRV*3621A**	0.99	1.00	58MVB080-14
CSRH*3012A**	0.98	1.00	58MVB080-14
CSRH*3612A**	96.0	96.0	58MVB080-14
CAR**3621A**	26.0	0.99	28MVB080-20
CNRH*3017A**	0.99	1.00	28MVB080-20
CNRH*3617A**	66.0	1.00	28MVB080-20
CNRV*3621A**	0.99	1.00	58MVB080-20
CSRH*3012A**	0.98	1.00	28MVB080-20
CSRH*3612A**	96.0	96.0	28MVB080-20
CAR**3621A**	26.0	0.98	58MVB100-20
CNRH*3017A**	0.98	0.99	58MVB100-20
CNRH*3617A**	0.98	0.99	58MVB100-20
CNRV*3621A**	0.98	66.0	58MVB100-20
CSRH*3012A**	0.98	1.00	58MVB100-20
CSRH*3612A**	96'0	96.0	58MVB100-20
CNRH*3017A**	0.98	1.00	58MVB120-20
CNRH*3617A**	0.98	1.00	58MVB120-20
CSRH*3012A**	0.98	1.00	58MVB120-20
CSRH*3612A**	96.0	96.0	58MVB120-20
CAR**3017A**	0.99	1.01	58UVB060-14
CAR**3617A**	0.98	1.00	58UVB060-14
CAR**3621A**	26.0	0.99	28UVB080-20
CAR**3621A**	26.0	0.98	58UVB100-20
CNRV*3017A**	0.99	1.01	58UVB06014
CNRV*3617A**	0.99	1.01	58UVB06014
CNRV*3621A**	0.99	1.00	58UVB080-14
CNRV*3621A**	0.99	1.00	28UVB080-20
CNRV*3621A**	0.98	66.0	58UVB100-20

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		Total Sys-	tem K		3.22	3.03	2:92	3.43	3.25	3.12	3.68	3.47	3.33
	67 (19.4)	Capacity MBtuh	Integ*		41.38	38.03	35.72	42.44	39.67	37.20	43.96	41.08	38.89
		Capacit	Total		41.38	38.03	35.72	42.44	39.67	37.20	43.96	41.08	38.89
		Total Sys-	tem KW†		3.14	3.03	2.91	3.30	3.22	3.12	3.47	3.38	3.32
	57 (13.9)	MBtuh	Integ*		39.39	37.68	35.27	39.57	38.80	36.93	39.61	38.99	38.21
	.,	Capacity	Total		39.39	37.68	35.27	39.57	38.80	36.93	39.61	38.99	38.21
		Total Sys-	em KW†		2.97	2.92	2.88	3.12	3.06	3.03	3.28	3.21	3.17
	47 (8.3)		Integ* t		35.35	34.88	34.37	35.45	35.00	34.58	35.47	35.14	34.75
		Capacity MBtuh	Total		35.35	34.88	34.37	35.45	35.00	34.58	35.47	35.14	34.75
(°C)		Total Sys-	tem KW†		2.84	2.79	2.77	2.99	2.93	2.90	3.13	3.08	3.05
ATURES "I	37 (2.8)		Integ* t	or Section	28.82	28.63	28.35	28.50	28.68	28.47	28.13	28.44	28.54
R TEMPER	.,	Capacity MBtuh	Total	B)036 Indo	31.67	31.46	31.15	31.32	31.52	31.29	30.91	31.25	31.36
OUTDOOR COIL ENTERING AIR TEMPERATURES °F (°C)		Total Sys-	tem KW†	ICR336C30 Outdoor Section With FC4DN(F,B)036 Indoor Section	2.68	2.67	2.67	2.80	2.78	2.78	2.92	2.90	2.90
R COIL EN	27 (-2.8)		Integ* t	section Witl	23.85	24.09	24.31	23.52	23.77	23.97	23.18	23.45	23.65
оптрос	2	Capacity MBtuh	Total	Outdoor S	26.85	27.13	27.37	26.49	26.76	56.99	26.10	26.40	26.63
		Fotal Sys-	tem KW†	1CR336C30	2.52	2.52	2.52	2.63	2.63	2.63	2.75	2.74	2.74
	17 (-8.3)	r	Integ*	25H	20.47	20.69	20.89	20.17	20.39	20.58	19.85	20.07	20.27
		Capacity MBtuh	Total		22.45	22.70	22.91	22.12	22.37	22.57	21.77	22.01	22.23
		Total Sys-	tem KW†		2.40	2.40	2.41	2.51	2.51	2.52	2.62	2.62	2.63
	(-13.9)		Integ*		17.01	17.21	17.39	16.74	16.93	17.09	16.43	16.63	16.80
		Capacity MBtuh	Total		18.51	18.73	18.92	18.22	18.42	18.60	17.88	18.09	18.28
		Total Sys-	tem KW†		2.30	2.31	2.33	2.39	2.41	2.42	2.49	2.50	2.52
	-3 (-19.4)		Integ*		13.80	13.97	14.14	13.50	13.67	13.84	13.17	13.36	13.52
		Capacity MBtuh	Total		15.00	15.19	15.37	14.67	14.86	15.04	14.32	14.52	14.70
alv		2	<u> </u>		1050	1200	1350	1050	1200	1350	1050	1200	1350
alv account		0	2			92			2	1		75	
Щ		_											_

Heating Indoor Model	Capacity	Power	Furnace Model	Heating Indo
*FC4DN(F,B)036	1.00	1.00		CNRV*36
FC4DN(F,B) 042	0.92	0.93		CSRH*36
FK4DNF002	1.04	1.01		CSRH*42
FK4DNF003	1.00	66.0		CAR**36
CAR**3614A**	96:0	1.00	58CV(A,X)070-12	CAR**42
CNRH*3617A**	1.02	1.03	58CV(A,X)070-12	CNRH*42
CNRH*4221A**	1.00	66.0	58CV(A,X)070-12	CNRV*42
CSRH*3612A**	0.98	96.0	58CV(A,X)070-12	CSRH*36
CSRH*4212A**	76:0	96'0	58CV(A,X)070-12	CSRH*42
CAR**3617A**	1.01	1.01	58CV(A,X)090-16	CAR**36
CNRH*3617A**	1.01	1.01	58CV(A,X)090-16	CAR**42
CNRH*4221A**	0.99	76.0	58CV(A,X)090-16	CNRH*36
CNRV*3617A**	1.01	1.01	58CV(A,X)090-16	CNRH*42
CSRH*3612A**	96:0	26.0	58CV(A,X)090-16	CNRV*36
CSRH*4212A**	76:0	0.95	58CV(A,X)090-16	CNRV*42
CAR**3621A**	1.01	1.00	58CV(A,X)110-20	CSRH*36
CAR**4221A**	0.99	96.0	58CV(A,X)110-20	CSRH*42
CNRH*3617A**	1.01	1.01	58CV(A,X)110-20	CAR**36
CNRH*4221A**	0.99	26.0	58CV(A,X)110-20	CAR**42
CNRV*3621A**	1.01	1.01	58CV(A,X)110-20	CNRH*36
CNRV*4221A**	0.99	76.0	58CV(A,X)110-20	CNRH*42
CSRH*3612A**	0.98	96.0	58CV(A,X)110-20	CNRV*36
CSRH*4212A**	96:0	0.94	58CV(A,X)110-20	CNRV*42
CAR**4224A**	0.99	86'0	58CV(A,X)135-22	CSRH*36
CNRH*3617A**	1.01	1.01	58CV(A,X)135-22	CSRH*42
CNRH*4221A**	0.99	96.0	58CV(A,X)135-22	CAR**42
CSRH*3612A**	0.98	96'0	58CV(A,X)135-22	CNRH*36
CSRH*4212A**	96:0	0.94	58CV(A,X)135-22	CNRH*42
CAR**4224A**	0.99	76.0	58CV(A,X)155-22	CSRH*36
CNRH*3617A**	1.01	1.01	58CV(A,X)155-22	CSRH*42
CNRH*4221A**	0.99	0.96	58CV(A,X)15522	CAR**36
CSRH*3612A**	0.98	0.95	58CV(A,X)155-22	CNRV*36
CSRH*4212A**	96.0	66.0	58CV(A,X)155-22	CAR**36
CAR**4224A**	1.00	1.00	58MVB040-14	CAR**42
CNRH*3617A**	1.01	1.03	58MVB040-14	CNRV*42
CNRH*4221A**	1.00	66'0	58MVB040-14	CAR**36
CSRH*3612A**	0.99	86'0	58MVB040-14	CAR**42
CSRH*4212A**	0.97	76.0	58MVB040-14	CNRV*36
CAR**3617A**	1.01	1.01	58MVB060-14	CNRV*42
CNRH*3617A**	1.01	1.02	58MVB060-14	CAR**36

	Heating Indoor Model	Capacity	Power	Furnace Model
	CNRV*3621A**	1.01	1.02	58UVB100-20
	CNRV*4221A**	0.99	0.98	58UVB100-20
	CAR**4224A**	66'0	0.98	58UVB120-20
г	See notes on page 30			

	nealing illuool Model	Capacity	Lowel	rui liace Model
	CNRV*3617A**	1.01	1.02	58MVB060-14
	CSRH*3612A**	0.98	0.97	58MVB060-14
	CSRH*4212A**	0.97	0.95	58MVB060-14
	 CAR**3621A**	1.01	1.02	58MVB080-14
0-12	CAR**4221A**	1.00	1.00	58MVB080-14
0-12	 CNRH*4221A**	1.00	66.0	58MVB080-14
0-12	 CNRV*4221A**	1.00	0.99	58MVB080-14
0-12	 CSRH*3612A**	0.99	0.99	58MVB080-14
)-12	CSRH*4212A**	0.97	76:0	58MVB080-14
0-16	CAR**3621A**	1.01	1.01	58MVB080-20
0-16	CAR**4221A**	1.00	1.00	58MVB080-20
91-16	CNRH*3617A**	1.01	1.02	58MVB080-20
0-16	CNRH*4221A**	0.99	0.98	58MVB080-20
0-16	CNRV*3621A**	1.01	1.02	58MVB080-20
91-16	 CNRV*4221A**	0.99	0.98	58MVB080-20
0-20	 CSRH*3612A**	0.98	76.0	58MVB080-20
0-20	CSRH*4212A**	0.97	0.95	58MVB080-20
0-20	 CAR**3621A**	1.01	1.01	58MVB100-20
0-50	CAR**4221A**	1.00	0.99	58MVB100-20
0-50	CNRH*3617A**	1.01	1.02	58MVB100-20
0-20	 CNRH*4221A**	0.99	0.98	58MVB100-20
0-20	CNRV*3621A**	1.01	1.02	58MVB100-20
0-20	CNRV*4221A**	0.99	0.98	58MVB100-20
5-22	 CSRH*3612A**	0.98	76.0	58MVB100-20
5-22	CSRH*4212A**	0.97	0.95	58MVB100-20
5-22	CAR**4224A**	0.99	0.98	58MVB120-20
5-22	CNRH*3617A**	1.01	1.02	58MVB120-20
5-22	 CNRH*4221A**	0.99	76.0	58MVB120-20
5-22	CSRH*3612A**	0.98	76:0	58MVB120-20
522	 CSRH*4212A**	0.97	0.95	58MVB120-20
5-22	 CAR**3617A**	1.01	1.01	58UVB060-14
5-22	 CNRV*3617A**	1.01	1.02	58UVB060-14
5-22	CAR**3621A**	1.01	1.02	58UVB080-14
-14	 CAR**4221A**	1.00	1.00	58UVB080-14
-14	 CNRV*4221A**	1.00	0.99	58UVB080-14
-14	 CAR**3621A**	1.01	1.01	58UVB080-20
-14	 CAR**4221A**	1.00	1.00	58UVB080-20
-14	 CNRV*3621A**	1.01	1.02	58UVB080-20
-14	 CNRV*4221A**	0.99	0.98	58UVB080-20
-14	CAR**3621A**	1.01	1.01	58UVB100-20
-14	 CAR**4221A**	1.00	0.99	58UVB100-20

		Total Sys-	tem KW†		3.66	3.47	3.30	3.82	3.68	3.54	4.00	3.90	3.75
	67 (19.4)	y MBtuh	Integ*		52.63	49.85	46.03	52.13	50.87	48.36	51.79	51.85	49.50
		Capacity MBtu	Total		52.63	49.85	46.03	52.13	20.87	48.36	51.79	51.85	49.50
		Total Sys-	KW T		3.43	3.35	3.31	3.59	3.51	3.47	3.76	3.67	3.62
	57 (13.9)	y MBtuh	Integ*		46.44	46.21	45.87	46.17	46.05	45.83	45.89	45.83	45.68
		Capacity MBtu	Total		46.44	46.21	45.87	46.17	46.05	45.83	45.89	45.83	45.68
		Total Sys-	tem KW†		3.24	3.18	3.16	3.40	3.33	3.30	3.57	3.49	3.45
	47 (8.3)	y MBtuh	Integ*		40.64	40.77	40.70	40.15	40.50	40.54	39.65	40.10	40.32
		Capacity MBtu	Total		40.64	40.77	40.70	40.15	40.50	40.54	39.65	40.10	40.32
°F (°С)		Total Sys-	tem KW†	_	3.07	3.05	3.04	3.21	3.18	3.18	3.35	3.33	3.32
RATURES	37 (2.8)	y MBtuh	Integ*	oor Sectio	31.65	32.00	32.30	31.27	31.61	31.91	30.84	31.23	31.52
OUTDOOR COIL ENTERING AIR TEMPERATURES °F (°C)		Capacity MBtu	Total	FC4DN(F,B)042 Indoor Section	34.78	35.16	35.50	34.36	34.74	35.06	33.89	34.32	34.64
NTERING,		Total Sys-	tem KW†	th FC4DN(F	2.91	2.90	2.90	3.04	3.02	3.03	3.18	3.16	3.16
OR COIL E	27 (-2.8)	y MBtuh	Integ*	Section Wil	26.19	26.49	26.75	25.85	26.14	26.40	25.52	25.81	26.06
оптро		Capacity MBtul	Total	HCR342C Outdoor Section With	29.49	29.83	30.12	29.11	29.44	29.73	28.73	29.05	29.34
		Total Sys-	tem KW†	25HCR342(2.77	2.77	2.78	2.90	2.89	2.90	3.03	3.02	3.03
	17 (-8.3)	Capacity MBtuh	Integ*		22.60	22.85	23.09	22.32	22.57	22.79	22.03	22.28	22.50
		Capacit	Total		24.79	25.06	25.32	24.48	24.75	24.99	24.16	24.43	24.68
		Total Sys-	tem KW†		2.66	2.67	5.69	2.78	2.79	2.81	2.90	2.91	2.93
	7 (-13.9)	Capacity MBtuh	Integ*		18.90	19.13	19.34	18.60	18.83	19.04	18.28	18.53	18.74
		Capacit	Total		20.57	20.82	21.04	20.24	20.49	20.72	19.89	20.16	20.39
	_	Total Sys-	tem KW†		2.55	2.57	2.60	2.66	2.68	2.71	2.76	2.79	2.82
	-3 (-19.4)	y MBtuh	Integ*		15.31	15.53	15.74	14.98	15.20	15.39	14.59	14.82	15.03
		Capacity MBtu	Total		16.64	16.88	17.10	16.28	16.52	16.73	15.86	16.11	16.34
aiv accum		A	5		1225	1400	1575	1225	1400	1575	1225	1400	1575
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ower	Furnace Model	Heating Indoor Model	Capacity	Power	Furnace Model
00:		CNRH*4821A**	1.00	1.02	58MVB040-14
.02		CNRV*4824A**	1.00	1.02	58MVB040-14
96.		CSRH*4212A**	1.00	1.02	58MVB040-14
.03		CSRH*4812A**	1.00	1.01	58MVB040-14
.95		CAR**4817A**	66.0	66.0	58MVB060-14
16.1		CNRH*4221A**	66.0	1.04	58MVB060-14
.05	58CV(A,X)070-12	CNRH*4821A**	66.0	1.00	58MVB060-14
.02	58CV(A,X)070-12	CSRH*4212A**	1.00	1.01	58MVB060-14
.02	58CV(A,X)070-12	CSRH*4812A**	1.00	1.00	58MVB060-14
.01	58CV(A,X)070-12	CAR**4221A**	66.0	1.05	58MVB080-14
76'	58CV(A,X)090-16	CAR**4821A**	66'0	1.01	58MVB080-14
.03	58CV(A,X)090-16	CNRH*4221A**	66.0	1.05	58MVB080-14
66:	58CV(A,X)090-16	CNRH*4821A**	1.00	1.02	58MVB080-14
66:	58CV(A,X)090-16	CNRV*4221A**	66'0	1.05	58MVB080-14
.98	58CV(A,X)090-16	CNRV*4821A**	1.00	1.02	58MVB080-14
.03	58CV(A,X)110-20	CSRH*4212A**	1.00	1.02	58MVB080-14
.98	58CV(A,X)110-20	CSRH*4812A**	1.00	1.01	58MVB080-14
.03	58CV(A,X)110-20	CAR**4221A**	66'0	1.04	58MVB080-20
86.	58CV(A,X)110-20	CAR**4821A**	66'0	1.00	58MVB080-20
.03	58CV(A,X)110-20	CNRH*4221A**	66'0	1.04	58MVB080-20
86.	58CV(A,X)110-20	CNRH*4821A**	1.00	1.01	58MVB080-20
00:	58CV(A,X)110-20	CNRV*4221A**	66.0	1.04	58MVB080-20
66'	58CV(A,X)110-20	CNRV*4821A**	1.00	1.01	58MVB080-20
.01	58CV(A,X)135-22	CSRH*4212A**	1.00	1.01	58MVB080-20
.98	58CV(A,X)135-22	CSRH*4812A**	1.00	1.00	58MVB080-20
.02	58CV(A,X)135-22	CAR**4221A**	66'0	1.04	58MVB100-20
86'	58CV(A,X)135-22	CAR**4821A**	66'0	66'0	58MVB100-20
.98	58CV(A,X)135-22	CNRH*4221A**	66'0	1.04	58MVB100-20
86'	58CV(A,X)135-22	CNRH*4821A**	66'0	66'0	58MVB100-20
76'	58CV(A,X)135-22	CNRV*4221A**	66'0	1.04	58MVB100-20
.01	58CV(A,X)155-22	CNRV*4821A**	66'0	0.99	58MVB100-20
.98	58CV(A,X)155-22	CSRH*4212A**	1.00	1.01	58MVB100-20
.02	58CV(A,X)155-22	CSRH*4812A**	1.00	1.00	58MVB100-20
86.	58CV(A,X)155-22	CAR**4224A**	66'0	1.03	58MVB120-20
.98	58CV(A,X)155-22	CAR**4824A**	66'0	0.99	58MVB120-20
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Heating Indoor Model	Capacity	Power	Furnace Model
CAR**4817A**	0.99	0.99	58UVB060-14
CAR**4221A**	0.99	1.05	58UVB080-14
CAR**4821A**	0.99	1.01	58UVB080-14
CNRV*4221A**	0.99	1.05	58UVB080-14
CNRV*4821A**	1.00	1.02	58UVB080-14
CAR**4221A**	0.99	1.04	58UVB080-20
CAR**4821A**	66.0	1.00	58UVB080-20
CNRV*4221A**	0.99	1.04	58UVB080-20
CNRV*4821A**	1.00	1.01	58UVB080-20
CAR**4221A**	0.99	1.04	58UVB100-20
CAR**4821A**	0.99	0.99	58UVB100-20
CNRV*4221A**	0.99	1.04	58UVB100-20
CNRV*4821A**	0.99	0.99	58UVB100-20
CAR**4224A**	0.99	1.03	58UVB120-20
CAR**4824A**	0.99	0.99	58UVB120-20
CNRV*4824A**	0.99	0.99	58UVB120-20
See notes on page 30			

Heating Indoor Model	Capacity	Power	Furnace Model	Heating Indoor Model
*FC4DN(F,B)042	1.00	1.00		CNRH*4821A**
CSRH*4812A**	1.01	1.02		CNRV*4824A**
FC4DN(F,B)048	96:0	0.95		CSRH*4212A**
FK4DN(B,F)003	0.98	1.03		CSRH*4812A**
FK4DN(B,F)005	96.0	0.95		CAR**4817A**
FK4DNB006	0.92	0.91		CNRH*4221A**
CNRH*4221A**	66.0	1.05	58CV(A,X)070-12	CNRH*4821A**
CNRH*4821A**	1.00	1.02	58CV(A,X)070-12	CSRH*4212A**
CSRH*4212A**	1.00	1.02	58CV(A,X)070-12	CSRH*4812A**
CSRH*4812A**	1.00	1.01	58CV(A,X)070-12	CAR**4221A**
CAR**4817A**	0.98	76.0	58CV(A,X)090-16	CAR**4821A**
CNRH*4221A**	0.99	1.03	58CV(A,X)090-16	CNRH*4221A**
CNRH*4821A**	66.0	0.99	58CV(A,X)090-16	CNRH*4821A**
CSRH*4212A**	66.0	0.99	58CV(A,X)090-16	CNRV*4221A**
CSRH*4812A**	66.0	96.0	58CV(A,X)090-16	CNRV*4821A**
CAR**4221A**	66.0	1.03	58CV(A,X)110-20	CSRH*4212A**
CAR**4821A**	66.0	0.98	58CV(A,X)110-20	CSRH*4812A**
CNRH*4221A**	0.99	1.03	58CV(A,X)110-20	CAR**4221A**
CNRH*4821A**	66.0	0.98	58CV(A,X)110-20	CAR**4821A**
CNRV*4221A**	66.0	1.03	58CV(A,X)110-20	CNRH*4221A**
CNRV*4821A**	0.99	0.98	58CV(A,X)110-20	CNRH*4821A**
CSRH*4212A**	1.00	1.00	58CV(A,X)110-20	CNRV*4221A**
CSRH*4812A**	1.00	66.0	58CV(A,X)110-20	CNRV*4821A**
CAR**4224A**	96.0	1.01	58CV(A,X)135-22	CSRH*4212A**
CAR**4824A**	66.0	96.0	58CV(A,X)135-22	CSRH*4812A**
CNRH*4221A**	0.99	1.02	58CV(A,X)135-22	CAR**4221A**
CNRH*4821A**	66.0	0.98	58CV(A,X)135-22	CAR**4821A**
CNRV*4824A**	0.99	0.98	58CV(A,X)135-22	CNRH*4221A**
CSRH*4212A**	0.99	0.98	58CV(A,X)135-22	CNRH*4821A**
CSRH*4812A**	0.99	0.97	58CV(A,X)135-22	CNRV*4221A**
CAR**4224A**	0.98	1.01	58CV(A,X)155-22	CNRV*4821A**
CAR**4824A**	0.99	0.98	58CV(A,X)155-22	CSRH*4212A**
CNRH*4221A**	0.99	1.02	58CV(A,X)155-22	CSRH*4812A**
CNRH*4821A**	66.0	0.98	58CV(A,X)155-22	CAR**4224A**
CNRV*4824A**	0.99	0.98	58CV(A,X)155-22	CAR**4824A**
CSRH*4212A**	0.99	0.98	58CV(A,X)155-22	CNRH*4221A**
CSRH*4812A**	0.99	0.97	58CV(A,X)155-22	CNRH*4821A**
CAR**4224A**	0.99	1.05	58MVB040-14	CNRV*4824A**
CAR**4824A**	0.99	1.00	58MVB040-14	CSRH*4212A**
CNRH*4221A**	0.99	1.05	58MVB040-14	CSRH*4812A**

58MVB120-20 58MVB120-20 58MVB120-20 58MVB120-20 58MVB120-20

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		Total Sys-	tem KW†		4.64	4.51	4.31	4.87	4.75	4.63	5.09	4.96	4.80
	67 (19.4)	//Btuh	Integ*		63.47	62.05	58.16	63.51	65.59	60.46	63.08	62.33	29.77
	.9	Capacity MBtu	Total		63.47	62.05	58.16	63.51	62.59	60.46	63.08	62.33	29.77
		Total Sys-	tem KW		4.33	4.23	4.19	4.57	4.43	4.39	4.79	4.67	4.60
	57 (13.9)	MBtuh	Integ*		56.11	55.54	54.86	55.50	55.54	54.97	54.74	55.28	54.99
		Capacity MBtul	Total		56.11	55.54	54.86	55.50	55.54	54.97	54.74	55.28	54.99
		Total Sys-	tem KW†		4.05	4.02	3.96	4.23	4.20	4.17	4.42	4.38	4.38
	47 (8.3)	y MBtuh	Integ*		48.15	48.59	48.80	47.51	48.00	48.40	46.92	47.43	47.81
		Capacity MBtul	Total		48.15	48.59	48.80	47.51	48.00	48.40	46.92	47.43	47.81
OUTDOOR COIL ENTERING AIR TEMPERATURES °F (°C)		Total Sys-	tem KW	uo	3.78	3.76	3.76	3.95	3.93	3.92	4.13	4.10	4.10
	37 (2.8)	Capacity MBtuh	Integ*	N(F,B)048 Indoor Section	37.36	37.76	38.06	36.88	37.29	37.59	36.39	36.81	37.16
	27 (-2.8)	Capacit	Total	(F,B)048 In	41.06	41.49	41.82	40.52	40.98	41.31	39.98	40.45	40.84
		Total Sys-	tem KW	ith FC4D	3.55	3.56	3.55	3.72	3.70	3.71	3.89	3.87	3.87
		Capacity MBtuh	Integ*	r Section W	30.82	31.15	31.48	30.42	30.75	31.06	29.97	30.31	30.61
			Total	R348C30 Outdoor Section W	34.70	35.08	35.45	34.25	34.63	34.97	33.75	34.13	34.47
		Total Sys-	tem KW	25HCR348C	3.37	3.37	3.39	3.53	3.52	3.54	3.68	3.68	3.69
	17 (-8.3)	Capacity MBtuh	Integ*	2	26.49	26.80	27.07	26.10	26.41	26.68	25.71	26.01	26.29
		Capacit	Total		29.05	29.39	59.69	28.62	28.96	29.27	28.20	28.53	28.83
	(Total Sys-	tem KW	KW†	3.22	3.23	3.25	3.36	3.37	3.40	3.51	3.52	3.54
	7 (–13.9)	ty MBtuh	Integ*		22.09	22.36	22.60	21.74	22.01	22.26	21.36	21.64	21.89
	2	Capacity MBtuh	Total		24.04	24.33	24.59	23.66	23.95	24.22	23.24	23.55	23.82
	(Total Sys-	tem KW†		3.08	3.10	3.14	3.20	3.23	3.26	3.32	3.35	3.39
	-3 (-19.4)	Capacity MBtuh	Integ*		17.95	18.21	18.45	17.54	17.80	18.05	17.08	17.35	17.60
		Capaci	Total		19.51	19.80	20.05	19.06	19.35	19.61	18.56	18.86	19.13
alv accun		2	5		1400	1600	1800	1400	1600	1800	1400	1600	1800
ND		6	3			92			2			75	

Heating Indoor Model	Capacity	Power	Furnace Model	Heating Indoor Model	Capacity	Power
*FC4DN(F,B)048	1.00	1.00		CAR**4821A**	86.0	1.02
FK4DNB006	0.98	96:0		CAR**6021A**	96.0	1.02
FK4DNF005	96.0	1.00		CNRH*4821A**	86.0	1.02
CSRH*6012A**	0.98	0.99		CNRH*6024A**	86.0	1.02
CAR**4817A**	96'0	66.0	58CV(A,X)090-16	CNRV*4821A**	86.0	1.02
CNRH*4821A**	0.98	1.02	58CV(A,X)090-16	CSRH*4812A**	0.98	1.02
CNRH*6024A**	0.98	1.02	58CV(A,X)090-16	CSRH*6012A**	86.0	1.00
CSRH*4812A**	0.98	1.01	58CV(A,X)090-16	CAR**4824A**	86.0	1.02
CSRH*6012A**	0.98	1.00	58CV(A,X)090-16	CAR**6024A**	96.0	1.02
CAR**4821A**	0.98	1.02	58CV(A,X)110-20	CNRH*4821A**	0.98	1.02
CAR**6021A**	0.98	1.01	58CV(A,X)110-20	CNRH*6024A**	86.0	1.02
CNRH*4821A**	0.98	1.02	58CV(A,X)110-20	CNRV*4824A**	96.0	1.02
CNRH*6024A**	0.98	1.01	58CV(A,X)110-20	CNRV*6024A**	86.0	1.02
CNRV*4821A**	0.98	1.02	58CV(A,X)110-20	CSRH*4812A**	86.0	1.02
CSRH*4812A**	96.0	1.01	58CV(A,X)110-20	CSRH*6012A**	86.0	1.00
CSRH*6012A**	0.98	0.99	58CV(A,X)110-20	CAR**4821A**	0.98	1.03
CAR**4824A**	0.98	1.01	58CV(A,X)135-22	CAR**6021A**	86.0	1.02
CAR**6024A**	0.98	1.00	58CV(A,X)135-22	CNRV*4821A**	86.0	1.03
CNRH*4821A**	76.0	1.00	58CV(A,X)135-22	CAR**4821A**	86.0	1.02
CNRH*6024A**	0.98	1.01	58CV(A,X)135-22	CAR**6021A**	0.98	1.02
CNRV*4824A**	96.0	0.99	58CV(A,X)135-22	CNRV*4821A**	0.98	1.02
CNRV*6024A**	96.0	1.01	58CV(A,X)135-22	CAR**4824A**	0.98	1.02
CSRH*4812A**	0.98	1.00	58CV(A,X)135-22	CAR**6024A**	0.98	1.02
CSRH*6012A**	0.98	0.99	58CV(A,X)135-22	CNRV*4824A**	0.98	1.02
CAR**4824A**	76.0	66.0	58CV(A,X)155-22	CNRV*6024A**	86.0	1.02
CAR**6024A**	0.98	1.00	58CV(A,X)155-22	See notes on page	30	
CNRH*4821A**	0.97	66.0	58CV(A,X)155-22			
CNRH*6024A**	0.97	0.99	58CV(A,X)155-22			
CNRV*4824A**	0.97	0.99	58CV(A,X)155-22			
CNRV*6024A**	0.97	0.99	58CV(A,X)155-22			
CSRH*4812A**	0.97	0.98	58CV(A,X)155-22			
CSRH*6012A**	96.0	0.98	58CV(A,X)155-22			
CAR**4821A**	0.98	1.03	58MVB080-20			
CAR**6021A**	0.98	1.02	58MVB080-20			
CNRH*4821A**	0.98	1.03	58MVB080-20			
CNRH*6024A**	96.0	1.03	58MVB080-20			
CNRV*4821A**	0.98	1.03	58MVB080-20			
CSRH*4812A**	0.98	1.02	58MVB080-20			
CSRH*6012A**	0.98	1.01	58MVB080-20			

Heating Indoor Model	Capacity	Power	Furnace Model
CAR**4821A**	96.0	1.02	58MVB100-20
CAR**6021A**	96.0	1.02	58MVB100-20
CNRH*4821A**	96.0	1.02	58MVB100-20
CNRH*6024A**	96.0	1.02	58MVB100-20
CNRV*4821A**	0.98	1.02	58MVB100-20
CSRH*4812A**	96.0	1.02	58MVB100-20
CSRH*6012A**	86.0	1.00	58MVB100-20
CAR**4824A**	86.0	1.02	58MVB120-20
CAR**6024A**	96.0	1.02	58MVB120-20
CNRH*4821A**	96.0	1.02	58MVB120-20
CNRH*6024A**	86.0	1.02	58MVB120-20
CNRV*4824A**	96.0	1.02	58MVB120-20
CNRV*6024A**	0.98	1.02	58MVB120-20
CSRH*4812A**	86.0	1.02	58MVB120-20
CSRH*6012A**	86.0	1.00	58MVB120-20
CAR**4821A**	0.98	1.03	58UVB080-20
CAR**6021A**	86.0	1.02	58UVB080-20
CNRV*4821A**	86.0	1.03	58UVB080-20
CAR**4821A**	86.0	1.02	58UVB100-20
CAR**6021A**	0.98	1.02	58UVB100-20
CNRV*4821A**	86.0	1.02	58UVB100-20
CAR**4824A**	96.0	1.02	58UVB120-20
CAR**6024A**	86.0	1.02	58UVB120-20
CNRV*4824A**	0.98	1.02	58UVB120-20
CNRV*6024A**	86.0	1.02	58UVB120-20

HEAT PUMP HEATING PERFORMANCE

		Total Sys-	tem KW†		5.35	4.99	4.85	5.61	5.30	5.14	5.91	5.63	5.45
	67 (19.4)	_	Integ*		74.57	66.51	62.10	74.72	98.80	64.66	75.31	71.07	66.81
) 29	Capacity MBtu								66 64			31
			Total		74.57	66.51	8 62.10	74.72	08.80	64.	75.31	3 71.07	99
	(Total Sys-			5.15	5.01	4.88	5.39	5.29	5.17	5.63	5.53	5.44
	57 (13.9)	Capacity MBtuh	Integ*		68.55	66.47	62.69	68.30	67.83	64.71	67.93	67.64	62.79
		Capac	Total		68.55	66.47	65.69	68.30	67.83	64.71	67.93	67.64	62.29
		Total Sys-	KW T		4.89	4.83	4.82	5.13	5.05	5.03	5.38	5.28	5.25
	47 (8.3)	MBtuh	Integ*		86.09	60.21	59.85	59.75	00.09	59.78	59.05	99.69	59.61
		Capacity MBtul	Total		86.09	60.21	59.82	59.75	00.09	59.78	59.05	99.69	59.61
, F (°C)		Total Sys-	tem TW	2	4.69	4.67	4.64	4.89	4.87	4.87	5.10	5.08	5.08
ATURES °	27 (-2.8) 37 (2.8)	Capacity MBtuh	Integ*	R360C30 Outdoor Section With FC4DN(F,B)060 Indoor Section	47.18	47.77	48.20	46.61	47.15	47.66	46.05	46.59	47.06
OUTDOOR COIL ENTERING AIR TEMPERATURES °F (°C)			Total	B)060 Inde	51.85	52.50	52.97	51.22	51.82	52.37	50.61	51.20	51.71
		Total Sys-	tem KW	FC4DN(F	4.46	4.46	4.49	4.65	4.65	4.67	4.85	4.85	4.87
R COIL EN		MBtuh	Integ*	ection With	39.26	39.72	40.15	38.81	39.28	39.66	38.34	38.80	39.21
оптроо		Capacity MBtu	Total	Outdoor S	44.20	44.72	45.20	43.69	44.22	44.65	43.17	43.69	44.15
		Total Sys-	tem KW	CR360C30	4.27	4.28	4.32	4.45	4.46	4.50	4.64	4.65	4.68
	17 (-8.3)	/Btuh	Integ*	25HCF	34.13	34.56	34.95	33.73	34.14	34.51	33.34	33.74	34.11
	4	Capacity MBtuh	Total		37.43	37.91	38.34	36.99	37.45	37.85	36.57	37.00	37.41
		Total Sys-	tem KW†		4.10	4.13	4.17	4.28	4.30	4.35	4.45	4.48	4.52
	7 (–13.9)	Btuh	nteg*		28.91	29.28	29.61	28.51	28.89	29.23	28.09	28.47	28.82
		Capacity MBtuh	Capacity MB1		31.46	31.86	32.23	31.03	31.44	31.81	30.56	30.98	31.36
		Total C Sys-			3.95	4.00 3	4.05 3	4.11 3	4.16 3	4.21 3	4.27 3	4.32 3	4.37 3
	-3 (-19.4)		Integ* K		23.87 3	24.23 4	24.56 4	23.42 4	23.79 4	24.12 4	22.93 4	23.30 4	23.64 4
	-3 (-	Capacity MBtuh	Total Inte										
					0 25.95	0 26.34	0 26.69	0 25.46	0 25.85	0 26.22	0 24.93	0 25.33	0 25.70
alv accuni	מל ה	2			1750	2000	2250	1750	2000	2250	1750	2000	2250
Ž		6	i			92			2			75	

Heating Indoor Model	Capacity	Power	Furnace Model
*FC4DN(F,B)060	1.00	1.00	
FK4DNB006	0.99	66'0	
CSRH*6012A**	66:0	1.02	58CV(A,X)135-22
CAR**6024A**	0.99	1.02	58CV(A,X)155-22
CNRH*6024A**	0.98	1.03	58CV(A,X)155-22
CNRV*6024A**	0.98	1.03	58CV(A,X)155-22
CSRH*6012A**	66'0	1.02	58CV(A,X)155-22

NOTE: When the required data falls between the published data, interpolation may be performed. Extrapolation is not an acceptable practice.

* The Btuh heating capacity values shown are net integrated values from which the defrost effect has been subtracted. The Btuh heating from supplement heaters should be added to those values shown are net integrated values from which the defrost effect has been subtracted. The Btuh heating from supplement heaters should be added to these values to obtain total system kilowatts.

EDB — Entering Dry Bulb

SHCR3C

GUIDE SPECIFICATIONS GENERAL

AIR-COOLED, SPLIT-SYSTEM HEAT PUMP 25HCR3C 1.5 TO 5 NOMINAL TONS

System Description

Outdoor-mounted, air-cooled, split-system heat pump unit suitable for ground or rooftop installation. Unit consists of a hermetic compressor, an air-cooled coil, propeller-type condenser fan, and a control box. Unit will discharge supply air upward as shown on contract drawings. Unit will be used in a refrigeration circuit to match up to a packaged fan coil or coil unit.

Quality Assurance

- Unit will be rated in accordance with the latest edition of ARI Standard 240.
- Unit will be certified for capacity and efficiency, and listed in the latest ARI directory.
- Unit construction will comply with latest edition of ANSI/ ASHRAE and with NEC.
- Unit will be constructed in accordance with UL standards and will carry the UL label of approval. Unit will have C-UL approval.
- Unit cabinet will be capable of withstanding Federal Test Method Standard No. 141 (Method 6061) 500-hr salt spray test.
- Air-cooled condenser coils will be leak tested at 217 psig and pressure tested at 450 psig.
- Unit constructed in ISO9001 approved facility.

Delivery, Storage, and Handling

 Unit will be shipped as single package only and is stored and handled per unit manufacturer's recommendations.

Warranty (for inclusion by specifying engineer)

— U.S. and Canada only.

PRODUCTS

Equipment

 Factory assembled, single piece, air-cooled heat pump unit. Contained within the unit enclosure is all factory wiring, piping, controls, compressor, refrigerant charge (R-22), and special features required prior to field start-up.

Unit Cabinet

 Unit cabinet will be constructed of galvanized steel, bonderized, and coated with a powder coat paint.

Fans

- Condenser fan will be direct-drive propeller type, discharging air upward.
- Condenser fan motors will be totally enclosed, 1-phase type with class B insulation and permanently lubricated bearings.
- Shafts will be corrosion resistant.
- Fan blades will be statically and dynamically balanced.
- Condenser fan openings will be equipped with steel wire safety guards.
- Defrost control board which incorporates defrost relay, defrost timer and low voltage terminal board.

Compressor

- Compressor will be hermetically sealed.
- Compressor will be mounted on rubber vibration isolators.

Condenser Coil

- Condenser coil will be air cooled.
- Coil will be constructed of aluminum finstock with a resin-based epoxy-phenolic thermoset coating, factory applied by precoating and baking on both sides. The fins are mechanically bonded to copper tubes which are then cleaned, dehydrated, and sealed.

Refrigeration Components

 Refrigeration circuit components will include liquid-line shutoff valve with sweat connections, vapor-line shutoff valve with sweat connections, system charge of refrigerant, compressor oil, accumulator, loss of charge switch, and reversing valve.

Operating Characteristics

_	The capacity of the unit will meet of exceed	Biun
	at a suction temperature of °F/°C.	The power
	consumption at full load will not exceed	kW.
	Combination of the unit and the evaporator	or fan coil
	unit will have a total net cooling capacity of	Btuh

of greater at conditions of	Crivi entering an
temperature at the evaporator at	°F/°C wet bulb
and °F/°C dry bulb, and air	entering the unit at
°F/°C.	

_	The system will have a SEER of	Btuh/watt or
	greater at DOE conditions.	

Electrical Requirements

 Nomin	nal unit	elect	trical	chara	acteris	tics v	vill l	e	_ v
single	phase,	60	hz.	The	unit	will	be	capable	- 0
satisfac	ctory op	erati	on w	ithin '	voltag	ge lim	its of	f	v to
	v.								

- Unit electrical power will be single point connection.
- Control circuit will be 24v.

Special Features

 Refer to section of this literature identifying accessories and descriptions for specific features and available enhancements.

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